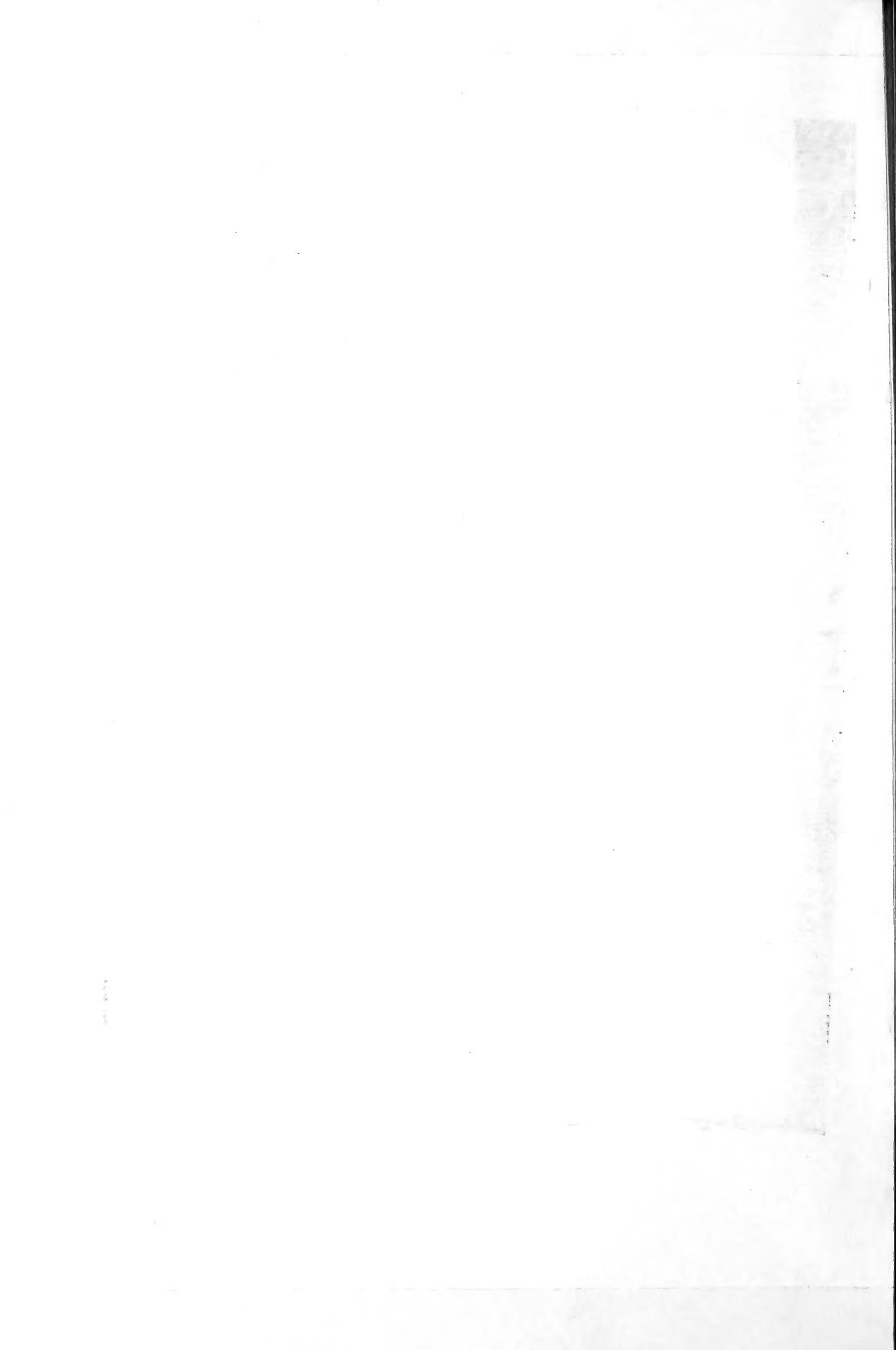


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Do not assume content reflects current scientific knowledge, policies, or practices





W.W. Barnard & Co.

CHICAGO.

TESTED SEEDS.

STORE
10 NORTH CLARK ST.

WAREHOUSE & OFFICE
186 EAST KINZIE ST.

1897.

BARNARD'S LAWN GRASS SEED.

The Necessary Requisite for a Beautiful and Enduring Lawn

Price, 1 lb., postpaid, 35c; not prepaid,
1 lb., 25c; 5 lbs. for \$1.00.

Printed instructions for the preparation
and care of Lawns sent
with each package.



Only with the best material, can the highest and most satisfactory results be obtained. When constructing a lawn, great care should be taken to use only the very best Seed; careful and thorough experiments have proved a mixture of different dwarf, hardy, quick growing varieties to be the best, rather than any one kind.

Our "Perpetual Green" Lawn Mixture is a carefully prepared combination of various grasses designed to produce a fine dwarf, compact and permanent turf. Nearly all grasses make rapid growth during the moist months of Spring, but to secure those which will resist the severe drouths and heat of our climate is more difficult; this essential feature has been thoroughly provided for in selecting grasses for our Perpetual Green Lawn Seed.

HOW TO ORDER. Please be *very careful* to always sign your name, post-office, county, and State on each and every letter sent us. Cash should always accompany the order. Money can be sent safely either by post-office order, bank draft, express, or cash by registered letter. **We accept postage stamps the same as cash.** On orders over \$1.00 the cost of remitting by any of these methods may be selected in extra seeds free. Every postmaster is obliged by law to register a letter on payment of eight cents, in addition to postage, and then you will receive our receipt for the letter by return mail. We are responsible for the safe receipt of remittances by any of the above methods. The efficiency of the Post-Office Department is such, however, that rarely a letter or package is lost or stolen.

Please write each item of your order on a separate line, placing the quantity before each article and carry out the prices. Keep a copy of your order to check up the seeds when received. We seldom make mistakes in filling—if we do, we are willing to make corrections. Sometimes people think they ordered certain seeds, when by reference to the order it is discovered they did not do so.

Kindly write letters or questions requiring replies separate from the order. Use our order sheet. We will send additional ones free on request.

DISCOUNT ON SEED ORDERS. A new departure for 1897. On orders for seeds in packets and ounces the purchaser may select additional seeds in packets and ounces, at full catalogue prices, as follows: For \$1.00 select seeds to the value of \$1.30; for \$2.00 to the value of \$2.70; for \$3.00 to the value of \$4.00; for \$4.00 to the value of \$5.50; for \$5.00 to the value of \$7.00.

ON SEEDS IN BULK bought by the quarter pound, pound, peck and bushel (except Grass and Clover Seed) when accompanied by cash we allow on an order of \$3.00 to \$5.00 **5 per cent.**; on an order of \$5.00 to \$10.00, **10 per cent.** This discount does not apply to collections, bulbs, plants, tools or fertilizers, for these the published price must be remitted.

WARRANTIES. We guarantee the safe arrival of all goods. Should any shipment fail to reach you in due time, please notify us at once, and we will trace, and, if lost, refill your order free of charge.

We believe our seeds to be equal in every respect to any that can be secured. But crops, though depending largely upon the seed for value, are influenced by the soil and its preparation, by fertility, by insects, by drought and flood, by the skill and experience of the cultivator; therefore, while we exercise the greatest care to supply every article true to name and of the very best quality we wish it to be distinctly understood that we sell no seeds with any warranty, expressed or implied, and will not be in any way responsible for the crop.

MARKET GARDENERS and Truckers using seed in large quantities will be furnished with a special Price List, free for the asking.

BOOKS.—Sent postpaid on receipt of price.***

WE CAN FURNISH ANY BOOK (OR PAPER) ON GARDENING, AGRICULTURE, HORTICULTURE AND LIVE STOCK AT PUBLISHER'S PRICES:

American Farm Book, Allen's.....	\$2.50	Home Floriculture, Relford.....	\$150.
Asparagus Culture, Barnes & Robinson, Cloth.....	.50	Horticulturist's Rule Book, Prof. L. H. Bailey.....	.50
Book of Evergreens, Hoopes.....	2.00	How to Grow Cut Flowers, Hunt.....	2.00
Bulbs and Tuberous Rooted Plants, C. L. Allen.....	2.00	How to Heat a Greenhouse with Hot Water.....	.50
Broom Corn and Brooms.....	.50	How to Grow Onions on Muck Soil.....	.30
Cabbage, Treatise on, J. J. Gregory.....	.30	Landscape Gardening, Downing.....	2.50
Carnation Culture, L. L. Lamborn.....	1.50	Money in the Garden, Quinn.....	.50
Carrots, Mangel Wurzels, etc., Gregory.....	.30	Mushroom Culture, Robinson, Cloth.....	.50
Celeri Growing, a new work, H. L. Stewart.....	.50	Mushrooms, How to Grow, Wm. Falconer.....	1.50
Celery for Profit.....	.30	Onion Culture, full of New Matter.....	.50
Fertilizers, a new edition, Gregory.....	.40	Onions, Treatise on, Gregory.....	.30
Floriculture, Practical, Henderson.....	1.50	Potato Culture, E. S. Carman, Cloth .75c.....	.40
Forestry, Practical, Fuller, illustrated.....	1.50	Poultry Book.....	.10
Fruit, Garden, Barry.....	2.50	Small Fruit Culturist.....	1.50
Gardening for Pleasure, Henderson.....	2.00	Squashes, Treatise on, Gregory.....	.30
Gardening for Profit, Henderson.....	2.00	Strawberry Culture, A B C of, Terry.....	.40
Gardening for the South.....	1.50	Success in Market Gardening, Rawson.....	1.00
Greenhouse Management, Prof. Taft.....	1.00	Sweet Potato Culture, Fitz.....	.60
Hand Book of Plants, new edition, Henderson.....	4.00	Window Flower Garden, Cloth.....	.75

Novelties and Specialties for 1897

NOVELTIES are usually the first thing looked for by our customers, no matter what favorites they may have among the old standard varieties. On this and the following pages we describe and illustrate a number of Vegetables, Flowers, etc., not in all cases novelties, but which are superior to better known sorts.

OUR COVER PAGES

Illustrate some of the most beautiful, easily grown SUMMER BLOOMING BULBS and an excellent grouping of EIGHT GRAND VEGETABLES.

Summer Blooming Bulbs—Subject of Front Cover.

CHE cultivation of flowers from Bulbs commends itself to the inexperienced as being far more simple than growing from seed inasmuch as they require less care in starting, grow rapidly and soon make a good display. The colored plate portrays these flowers, beginning at the left: **Gladiolus**, **Single Tuberous Begonia**, **Single Dahlia**, **Milla Biflora**, and **Canna**. This we call our **FRONT COVER BULBS**: one bulb, root or tuber of the 5 distinct varieties, 40c., postpaid.

Eight Grand Vegetables—Subject of Back Cover.

NEW PEA—Victory. An enormously productive, sure cropping, large podded wrinkled pea. A strong grower with eight or more dark green peas of most excellent quality. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.25; bu., \$6.00.

LETTUCE—Tilton's White Star. Excellent for forcing or early planting in the open ground. Forms a large loose head with broad thick leaves like a savoy cabbage. Remains in condition for use a long time before going to seed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

BEET—Columbia. A distinct new Beet of handsome, turnip shape, with *smooth clear skin* and deep *blood red flesh*. It is very early and does not become coarse and woody when grown to a large size as some do. A very popular sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

CABBAGE—All Seasons. One of the most reliable heading and a splendid keeper; **does not burst open when mature**. The heads are very hard and solid, round, flattened on the top, of the very best quality. It is as good for autumn or winter as for early summer use. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

TOMATO—Buckeye State. When we state that this fine Tomato was originated by that noted specialist, Livingstone, almost enough has been said to introduce a very valuable variety. **It is unquestionably the heaviest cropper known**, producing its fruits in clusters of four to eight tomatoes. They are deep red in color, solid, juicy, meaty. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

RADISH—Twenty-Day Forcing.

The earliest olive shaped Radish known. A great favorite with Chicago gardeners as it **requires less than three weeks to mature**. It does equally well in the open ground. In color it is brilliant red, flesh pure white, crisp, sweet and pleasant to the taste. Has very few leaves therefore can be sown quite thickly. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

ONION—Prize-Taker. This is the large beautiful Spanish variety sold in the fruit stores and in the markets of all large cities. They are of enormous size, averaging from 10 to 12 inches in circumference. Although of such great size, it is very hardy, and a good winter keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

WATERMELON—Sweet Heart. Without an equal for shipping to distant markets, and so attractive in appearance, it sells readily when all others are a drug. It is of largest size, a little longer than thick, but nearly globular in shape. Skin very bright, beautiful mottled green. Flesh bright red, firm, crisp, melting and exceedingly sweet. An excellent keeper, improves in quality a long time after ripening. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Eight Grand Vegetables.

One pkt. of each of the above eight, postpaid for 25c. If you order from this catalogue to the amount of 25c. or more, you will be enrolled in our Book of Customers, and thereafter receive our catalogues regularly as they are issued.

We will send the five bulbs and eight vegetables for only 65c.

—SAVE MONEY—

VICTORY PEA.



Davis Kidney Wax Bean...

****The Bean for the Market Gardener.

THE plant is vigorous, of compact, upright growth, carrying the pods well to the center and up from the ground. The pods are long, straight, oval, clear, waxy white color and handsome, often growing to a length of seven to eight inches, and, when fit for use, are quite stringless and of fine flavor.

The Largest Cropper, the Handsomest Pod, the Best Shipper ** and Market Bean in Cultivation **

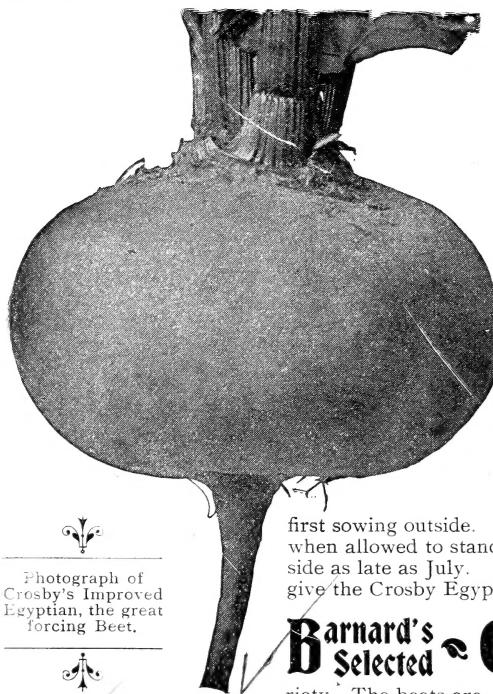
One of the main points of superiority over other sorts is its extreme hardiness and shipping qualities. Another good point of merit is the plants produce a very small portion of waste or second quality pods. Pkt., 1oz., 3 for 25c.; pt., 25c.; qt., 40.; pk., \$1 25; bu., \$4.50.



DAVIS WAX BEAN.

Blood Turnip Beet, Dirigo

THIS BEET, a selection from the Edmund Blood Turnip, was introduced by an experienced market gardener in the vicinity of Portland, Me. In our trials we found Dirigo to be more uniform, a dark red and more symmetrical than any of the Turnip Blood varieties introduced in recent years. We consider it the best variety yet introduced on account of its color, earliness and shape. It is one of the best for either summer or winter use. Pkt., 5c.; oz., 1oz.; ¼ lb., 25c.; lb., 80c.



Photograph of
Crosby's Improved
Egyptian, the great
forcing Beet.

CROSBY'S Improved Egyptian Beet.

A very superior strain of the well-known Egyptian, carefully selected for years by Mr. Josiah Crosby, a noted Eastern market gardener, whose aim was to secure a perfect forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, fine quality, deep blood color, and, above all, quick, rapid growth. The shape is very desirable, as shown in the accompanying photograph, being not quite so flat as the ordinary Egyptian, nor so round as the Eclipse. Takes on its turnip shape and looks well even in the early stages of its growth, on which account it is preferred for forcing to Globe and Half-Long varieties, which require longer time to grow to presentable market shape. This is a decided advantage to those who force for real early market, and especially for a market where beets are sold in bunches. Once used, it is preferred to Egyptian or Eclipse for forcing in frames or for

first sowing outside. It does not become woody and tasteless, like the old Egyptian, when allowed to stand a little too long, and being a rapid grower it may be sown outside as late as July. No market or private grower who values earliness should fail to give the Crosby Egyptian a trial. Pkt., 5c.; oz., 1oz.; ¼ lb., 25c.; lb., 80c.

Barnard's Selected & Edmund's Beet.

WE have the highest and most perfect type of this excellent va-

riety. The beets are handsome in appearance, round, very uniform in size, very small top making it desirable for bunching. Skin, deep blood red, flesh very dark, exceedingly sweet and tender. Matures very early, and in every instance gives the utmost satisfaction. Pkt., 5c.; oz., 1oz.; ¼ lb., 25c.; lb., 90c.

New Winter Cabbage THE LUPTON.

Originated from a single head selected some years ago by a noted Cabbage seed grower on Long Island whose name it bears. His own description is in part as follows: "I originated the Lupton from a single early plant of a late variety; it is between the two in point of size and season of maturing, coming in after the second earlies and before the late. I believe it will become the leading main crop Cabbage." The heads are particularly large in proportion to the plant, stalk rather short, color dark green; **one of the best keepers**, and comes out in the spring bright and fresh. Pkt., 5c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.50.

CABBAGE

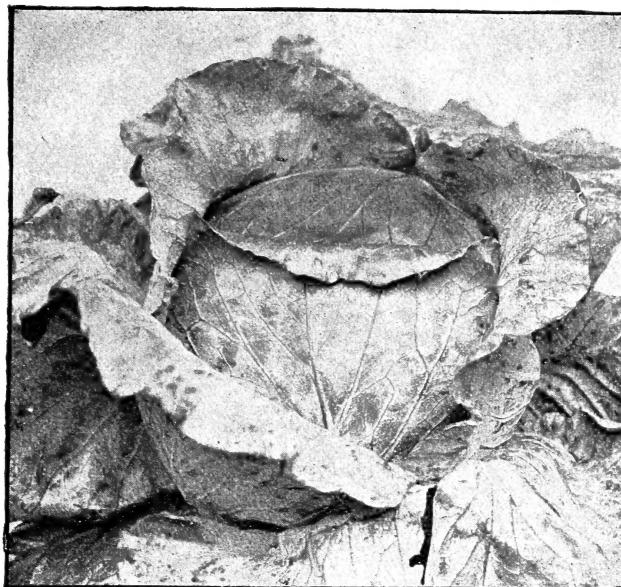


DANISH BALLHEAD CABBAGE.

FOR a winter Cabbage for early spring sales our local gardeners consider this variety pre-eminent. It has been selected and perfected for more than fifty years by the Danish gardeners who prize it so highly that they grow it almost exclusively for winter cabbage and annually export large quantities to this and other countries. It is

THE HARDEST HEADING AND LONGEST KEEPING CABBAGE.

Heads round as a ball, solid, fine grained, has few outer leaves, tender, crisp and of unexcelled flavor. We call the attention of market gardeners in all parts of the country, to Danish Ballhead Cabbage knowing that a trial will convince them of its superiority.



DANISH BALLHEAD CABBAGE.

DANISH BALLHEAD CABBAGE ENDURES MORE FROST AND DROUGHT THAN ANY OTHER SORT.

The seed we offer is of the finest quality. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.00; lb., \$4.00.

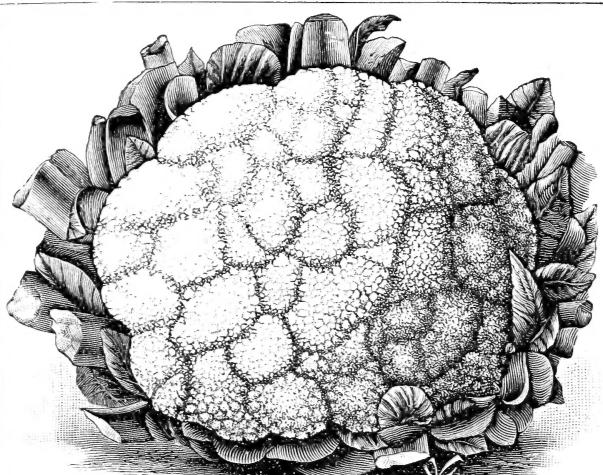
ALLHEAD EARLY CABBAGE.

THE MOST
PROFITABLE
EARLY
CABBAGE FOR
MARKET
GARDENERS

OUR tests last season have again proved this to be the *earliest* of all large cabbages and fully *one-third larger* than any other Summer Cabbage. The deep flat heads are remarkably solid. Very rapid grower resulting in tenderness and solidity. Having few outer leaves 9,680 plants can be set on an acre. Market gardeners to whom we have sold this in past seasons speak most highly in its praise and it is giving good satisfaction to all who have grown it. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

THE BEST
ALL THE YEAR
ROUND
CABBAGE
FOR THE
HOME GARDEN

FOR UNIFORMITY AND RELIABILITY OF HEADING IT HAS NO EQUAL.



DENMARK CAULIFLOWER.

CAULIFLOWER. THE DENMARK.

BEST FOR EARLY AND GENERAL CROPS.

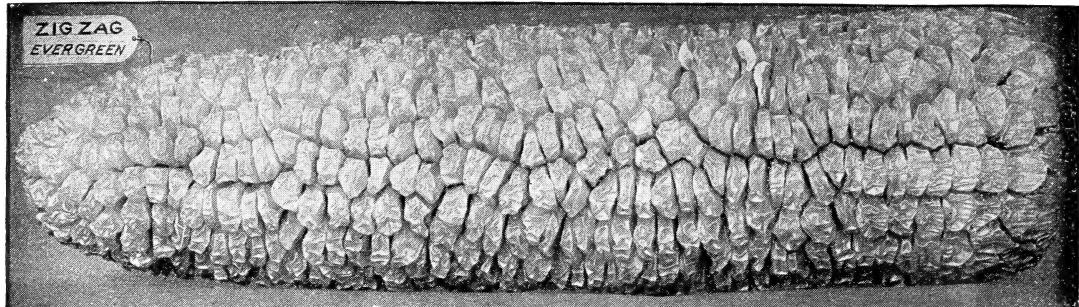
We sent this out for the first time last season and the reports received from the most successful gardeners, who are our most critical customers warrant our again presenting this fine Cauliflower with even stronger claims than we then made. It is

THE LARGEST AND WHITEST CAULIFLOWER AND SUREST TO MAKE A SOLID HEAD.

Fine grained, of highest quality, and so early that two crops can be taken from the same ground in one season.

No seed is more important than this as every gardener knows. It is one of the seeds in buying which PRICE should never be questioned.

Pkt., 15c.; $\frac{1}{4}$ oz., 75c.; oz., \$2.75.



✓ ZIG ZAG EVERGREEN SWEET CORN.

CHIS illustration (taken from a photograph of a dried ear) gives a better idea of its characteristics than can be described. Hitherto, Stowell's Evergreen has been the standard and favorite late corn, but it must now take second place. Zig Zag is **sweeter**, has **larger ears**, is much more **productive** (yielding 2 to 4 ears to the stalk) and remains fit for use **longer than Stowell's** or any other variety. For canning factories it is unequalled. **Private planters** and **market gardeners** who once try this will **use no other** late variety. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., \$2.50.

.....
THE MARKET MAN'S MONEY MAKER
.....

✓ CHAMPION SWEET CORN

.....
THE LARGEST AND BEST EARLY SUGAR CORN.
.....

WITHOUT doubt the **largest**, early Sweet Corn ever introduced, **producing ears nine inches long in 60 days.** Comes in a few days later than Cory. It is ten to twelve rowed, with medium sized white cob, pure white kernels which are tender and sweet; very desirable for the market gardener as well as for the home table. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., \$2.50.

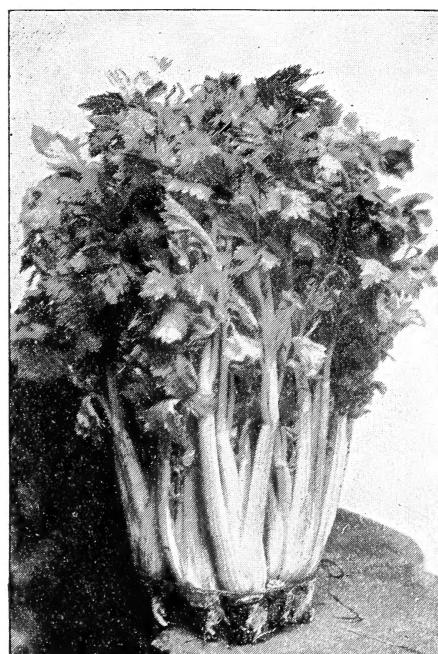
OLD COLONY SWEET CORN. A remarkably productive medium early variety, with handsome ears, 10 to 12 rowed. Deep grains on white cob, very sweet. One of the best for canning or market. We consider it better than some of the more recent introduced sorts, as the skin is not so tough and it certainly is all that can be desired in quality. Pkt., 5c.; pt., 20c.; qt., 30c.; pkt., 65c.; bu., \$2.25.

CUCUMBER, BISMARCK. Those who want a cucumber longer than White Spine but with its other characteristics will fill it in this. Fruit dark colored, slender, and splendid for slicing. Pkt., 3c.; oz., 7c.; $\frac{1}{2}$ lb., 15c.; lb., 50c.

✓ CELERY
GOLDEN SELF-BLANCHING.

CHE best Celery in cultivation and the most profitable for market and family use. The beautiful appearance of the plant, with its close habit, compact growth and straight, vigorous stalks, is shown in the illustration from a photograph. The ribs are perfectly solid, crisp, brittle, and of delicious flavor when blanched with earth; but when the blanching is done with boards it is apt to be more stringy. *It is self-blanching to a very remarkable degree*, for without banking up or any covering whatever, even the outer ribs become a handsome, fresh, yellowish white color. The heart is large and solid, and of a beautiful rich golden-yellow color. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; $\frac{1}{2}$ lb., \$3.00.

Mr. Matt. Theis, market gardener, Chicago, says: "I have been growing Celery for ten years; the Celery Seed you furnished me last year was the best I ever had."



GOLDEN SELF-BLANCHING CELERY.

✓ CELERY

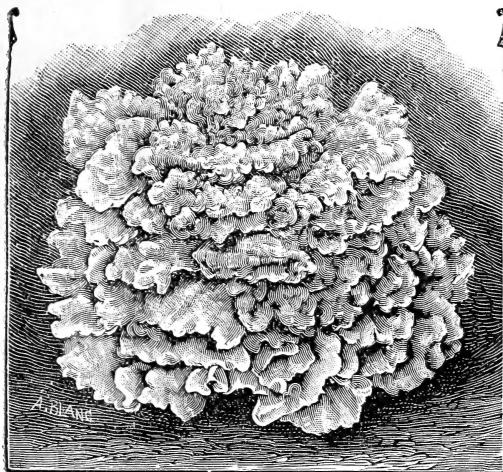
GIANT PASCAL.

A SPORT from the Golden Self-Blanching, having all the good features of that most popular sort, and in addition, several others. For January and February use this is the Celery to raise. It retains the beautiful color and thick, solid stalks of the Golden Self-Blanching, but is a better keeper and of much stronger growth. The stalks are very large, thick in proportion, **yet never in the least stringy.** Fine, nutty flavor. Entirely free from any bitter taste. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

✓ CELERIAC.

BARNARD'S GIANT. The largest Turnip Rooted Celery. Flesh pure white and tender, having a sweeter taste than any other. Pkt., 10c.; oz., 55c.; $\frac{1}{4}$ lb., \$1.75.

* LETTUCE *



GRAND RAPIDS LETTUCE.

GRAND RAPIDS LETTUCE

**STANDS FOREMOST AS A DISTINCTIVELY
FORCING SORT.**

CHIS very valuable Lettuce originated at Grand Rapids, Mich., where it is extensively grown for shipment. It is highly prized by market gardeners there and elsewhere, and is considered by many the best for forcing under glass. Leaves medium size, of light, yellowish-green color, much crimped and frilled, thin, but of very upright growth; forms a fair size but loose cluster of leaves which cannot be properly called a head; crisp, tender and of good quality. Owing to its upright habit it may be planted very closely.

IT IS OF EXTREMELY RAPID GROWTH,

very little liable to rot; will stand without spoiling about ten days after being fit to cut. A splendid shipper, invariably meets with

Quick and Ready Sale at Highest Prices.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

IMPROVED BLACK SEDED SIMPSON—The most popular among Chicago gardeners. **It is one of the best for frames or hot house forcing** as well as early out door planting. Forms a large loose head of a yellowish green color; leaves large, thin, very tender and of good quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

ST. LOUIS HEAD LETTUCE

**A Grand Summer Lettuce,
Large, Solid and a Sure Header.**

Plant dark green, with many nearly round, thick leaves formed into a very solid round head.

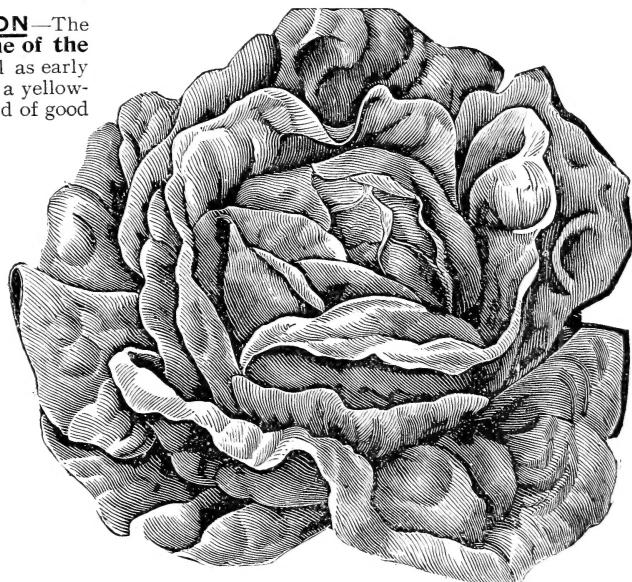
SLOW TO RUN TO SEED.

NOT AFFECTION BY THE HOTTEST WEATHER.

Leaves very thick, the inner ones blanched to a rich yellow color, rich and nutty in flavor. **The leading summer variety among Chicago market gardeners.** Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.



TRIANON LETTUCE.



ST. LOUIS HEAD LETTUCE.

LAPSE LETTUCE—This is a splendid head Lettuce which is very popular with market gardeners, who agree that it is not only valuable for forcing in hotbed and greenhouse, but very desirable for the open ground in summer. It is a rapid grower and very shy in going to seed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

TRIANON LETTUCE—*Cos, Romaine or Celery* 
SELF BLANCHING.

THIS new variety from France excels all other *Cos Lettuce* in quality, having a crispness, tenderness and flavor peculiar to itself. The leaves when blanched

ARE STIFF, LIKE CELERY STALKS, and can be eaten in the same manner or prepared for salad. **They are delicious,** and those who have never given *Cos Lettuce* a trial will do well to make a beginning with this. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

WATER MELON. ✓ TRIUMPH.

The Triumph is characterized by - - -

FINE SHAPE, AN EXCEEDINGLY THIN, TOUGH RIND, GREAT PRODUCTIVENESS, ATTRACTIVE COLOR AND EXCELLENT QUALITY.

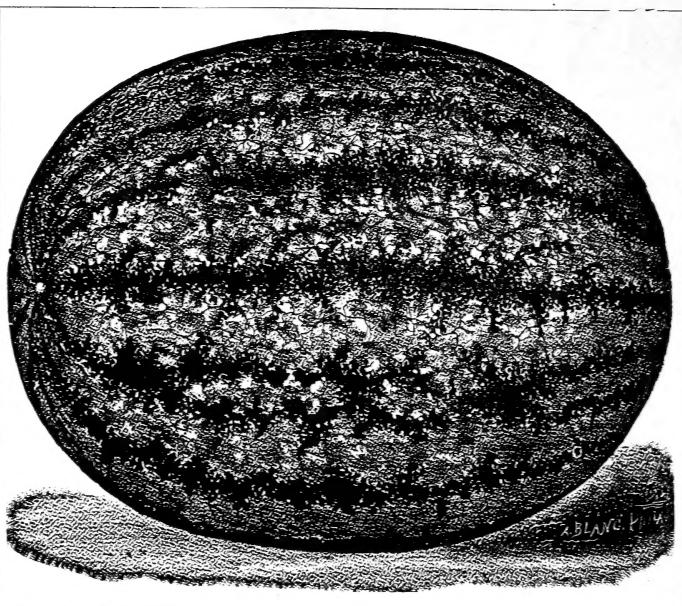
It is a cross between Duke Jones and Kolb's Gem, having the fine appearance of the former, and those splendid shipping qualities for which the Gem is famous. The Triumph Water Melon is very early, the average size may be gathered from the fact that on $2\frac{1}{2}$ acres, 2418 melons weighing over 40 lbs. each were gathered.

**THIS COMBINATION OF
VALUABLE FEATURES**

MAKES ABOUT THE

IDEAL MELON FOR MARKET USE.

We are certain that when fully introduced it will take the place of some now leading sorts. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

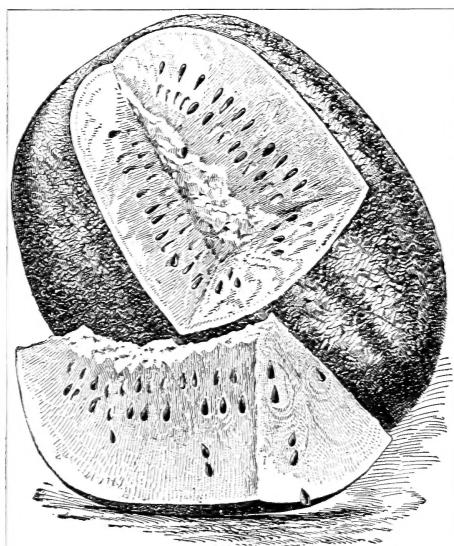


TRIUMPH.

Cole's Early Water Melon

A Delicious and Productive Variety for the Family Garden, succeeding in Northern States

Cole's Early is the finest every day melon ever offered for the amateur and the home market. It is so good that it is too tender for shipping. This is the *early melon* to plant for your own table. It is very early, *will mature in any part of the country where corn grows* and is a good cropper. Its deep red flesh is delicate and sweet, rind green, striped with lighter shades. Size medium, nearly round in shape. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.



SWEET HEART.

✓ Sweet Heart Watermelon

HANDSOME
✓ LARGE
✓ EARLY

No melon in cultivation will produce a crop so uniform in size, shape and color as Sweet Heart. Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and dark green, rind thin but firm, flesh bright red, firm, solid but very tender, melting and sweet. It remains

IN CONDITION FOR USE LONGER THAN ANY OTHER MELON.

This variety originated as a sport in the field of a prominent melon grower, and he has improved it by careful selection. We consider this variety one of

The Best of Recent Introduction,

and no melon grower should be without it. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

MANGEL WURZEL. GATE POST.

good cultivation will yield at the rate of 2,500 bushels per acre. The Mangels are uniform in shape, with smooth, yellow skin, flesh white, firm and sweet, much relished by cattle. Grows largely on the surface, making it easy to lift and gather. An excellent keeper. We recommend this very superior cattle beet to graziers and stockmen. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

One of the finest Mangels ever introduced, giving unbounded satisfaction wherever grown. Enormously productive; with

ONION

BARNARD'S YELLOW GLOBE DANVERS.

PERFECT IN SHAPE.

BEST IN COLOR.

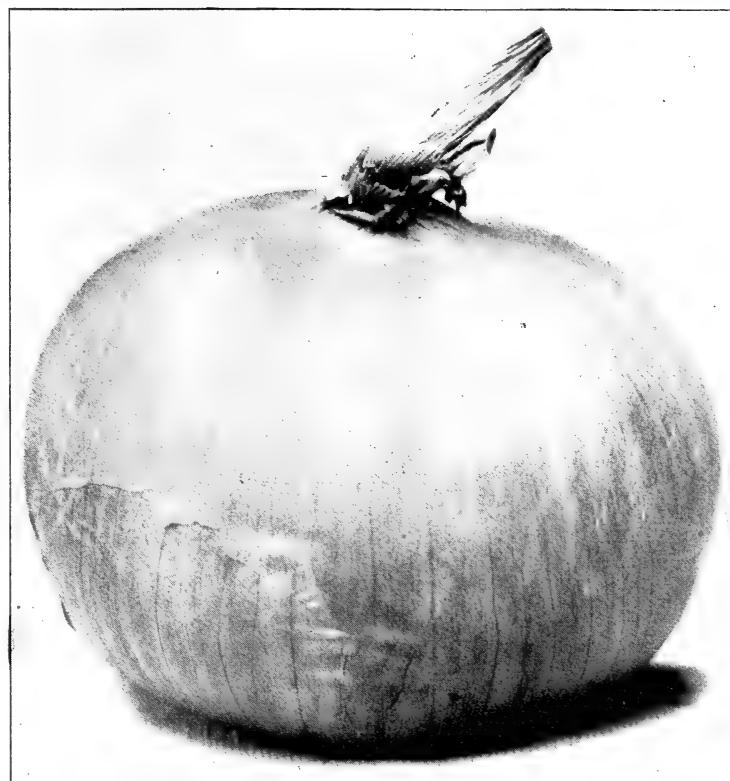
GREATEST IN YIELD.

HIS special strain of Yellow Globe Danvers Onion represents all that can be attained by intelligent cultivation and selection. Its *handsome appearance* will recommend it to the market man; its *long-keeping qualities* and *enormous productiveness*, to the grower. It produces firm, solid bulbs of medium size, their skin of rich brownish yellow color, white flesh, fine-grained, mild flavor and excellent quality. The necks are very small and cure down to almost nothing. Our illustration from a photograph speaks for itself.

IT MATURES EARLY AND ALL AT ONCE,

and brings the highest prices to our Chicago gardeners to whom we sell largely of this seed.

In point of yield it cannot be surpassed, 800 to 1,000 bushels per acre on good, well cultivated soil not being an uncommon crop. Seed from



BARNARD'S YELLOW GLOBE DANVERS ONION.

this type is the most reliable for bottoming, and the Onions are the very best of winter keepers. It is well adapted to all classes of soils, and especially good for marsh lands on account of its quick maturing qualities. All things considered, it is

THE MOST PROFITABLE ONION FOR THE MARKET GARDENER.

Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50. Special price on large quantities.

ONION—WHITE GLOBE.

This is one of the handsomest Onions grown; of handsome shape, beautiful appearance and clear white skin, commanding the highest market price. Flesh **pure snow white**, and flavor **extremely** mild. Grows very rapidly, ripening very early and evenly. A **splendid keeper**. We have a superior strain of very choice seed. Oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Parsnip—MAGNUM BONUM.

We believe this to be the finest stock of Parsnip that can be procured. It gives the highest satisfaction and yields the most money to market gardeners, because of its decidedly handsome appearance, smooth, heavy roots, very broad at the shoulder, fine grain and superior quality. The roots are not so long as the old standard sorts, and are very easy to gather. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 55c.

PARSLEY—CHAMPION MOSS CURLED.

THE CHAMPION is a prize winning English Parsley, in which all the best points are combined. The plant in appearance resembles a tuft of green moss. The leaves are large, beautifully curled and of a dark green color. This Parsley is **slow to run to seed, stands heat, cold and drought** better than any other sort, and does well in the open ground or cultivated in frame. May also be grown in window boxes. It is a great yielder, and market men will find it just the thing for selling in bunches of "pot herbs." Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.



MAGNUM BONUM PARSNIP.

* PEAS. *

BARNARD'S LEADER.

THE EARLIEST
OF

Extra Early Varieties.

THE records of another season have again shown that all the claims we made in former years for this very superior pea have been conclusively demonstrated. It is

THE BEST VARIETY for MARKET GARDENERS to plant and for home use we have yet to find a better extra early pea. Grows about 30 inches high. Vines vigorous extremely prolific, the pods being numerous and well filled with peas of good size and delicious flavor. A further good quality is that of

RIPENING WITH GREAT UNIFORMITY

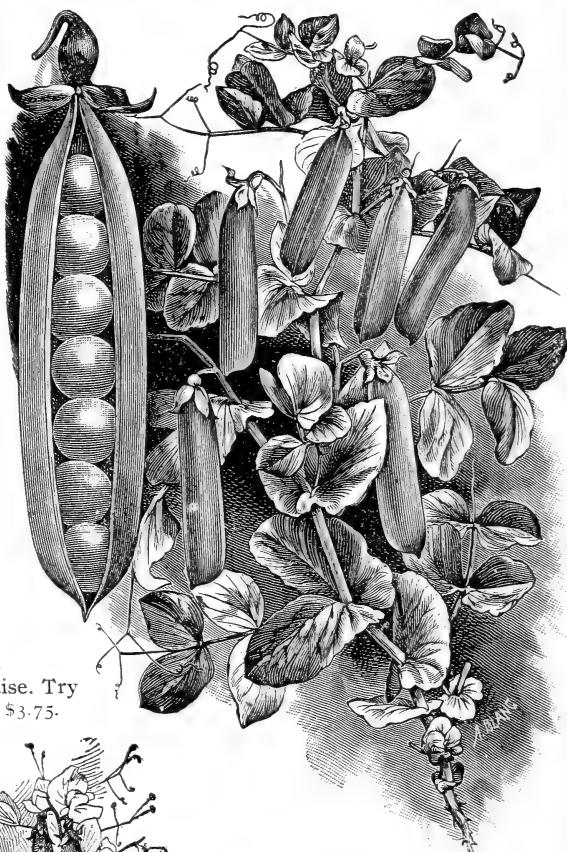
so that the vines can be stripped at one picking.

We have sold this Pea in past seasons very extensively and all who have grown it give it the highest praise. Try it this year. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$3.75.

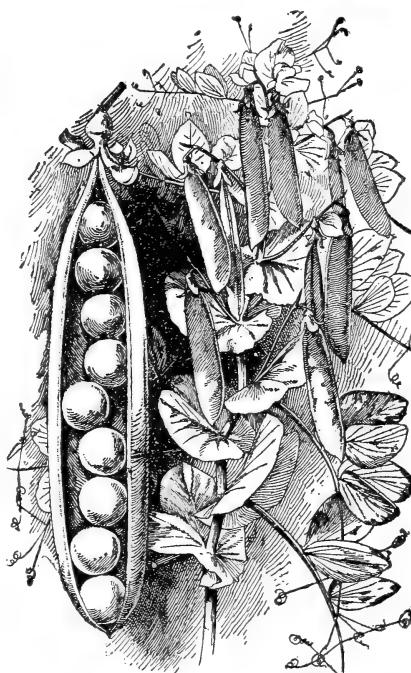
IMPROVED STRATAGEM PEA.

Main Crop. Wrinkled. Dwarf.

For a main crop pea Chicago Market Gardeners now rely very strongly on the Improved Stratagem for it has all the good qualities which go to make up a first-class pea. The vines are strong, vigorous and covered with immense pods, many of the pods measuring five inches in length and occasionally containing as high as ten large fine flavored peas. There is no more popular pea among gardeners today than this notwithstanding the fact that much inferior stock has been sold throughout the country. Our strain is pure and we know will not disappoint the planter. Everyone should try it. Pkt., 5c.; pt., 20c.; qt., 40c.; pk., \$1.25; bu., \$5.00.



BARNARD'S LEADER.



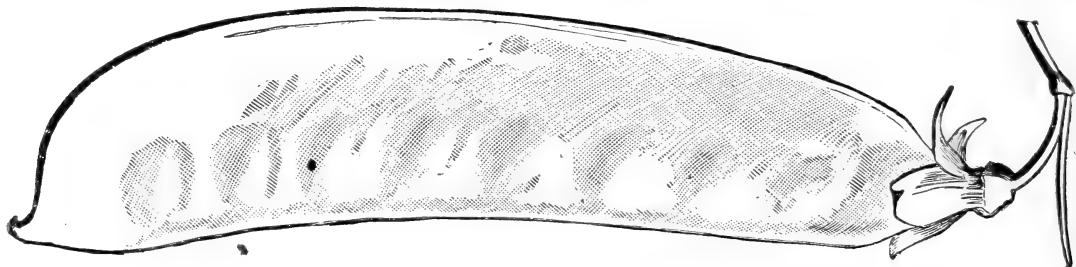
IMPROVED STRATAGEM.

DWARF SUGAR PEA

EDIBLE PODDED.

This Sugar Pea grows about two feet high. Its broad pods are brittle, sweet and succulent and usually contain from five to eight large round peas. The pods have none of the tough inner lining found in ordinary varieties of garden peas. They should not be shelled but the peas and pods eaten together in the same way as snap or string beans. Rich in sugar, starch and gluten, the edible podded pods are highly nutritious. Be sure to include at least one packet in your order.

Pkt. 5c., pt. 25c., qt. 40c., pk. \$1.40, bu. \$5.00.



DWARF SUGAR PEA.



SHARPE'S QUEEN.

2 GRAND NEW PEAS.

SHARPE'S QUEEN.

WITH the utmost confidence in its merits we place this very superior English Pea at the head of the list. Trials made of it in different sections of the country last season have proven most conclusively that it is

THE VERY BEST

OF THE

Large Podded Sorts.

and fully suited to our climate, resisting drouth.

The Queen is a green, wrinkled, main crop variety about two to two and one-half feet in height.

THE PODS ARE VERY LARGE.

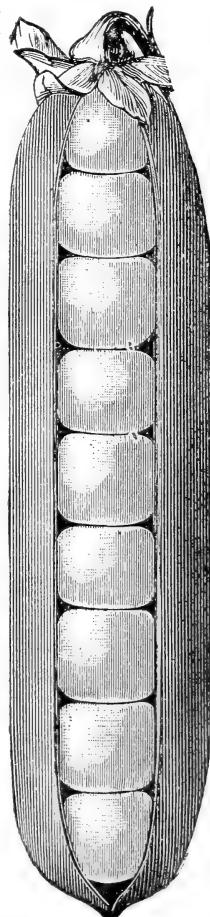
slightly curved, produced mostly in pairs, and are packed full of *great oval dark green Peas of delicious buttery flavor when cooked.*

On account of its branching habit the Queen Pea may be sown more thinly than most varieties. The vines are very sturdy and are covered with pods from the bottom of the plant to the top. It is without question the best Pea for those who want

Large Showy Pods and Peas.

and the highest quality obtainable combined.

Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.50; bu., \$5.50.



DUKE OF ALBANY.

New Pea DUKE OF ALBANY.

A MAGNIFICENT CROPPER.

MIDSEASON.

WRINKLED.

SEMI DWARF.

PRODUCES pods and peas of great size, ripens nearly all at once, making it well adapted to market gardener's use. Resembles Telephone to some extent, but does not grow as tall and is more prolific. Vines vigorous, with but few branches, stems stiff and stout, foliage light green. Pods in pairs, well filled with dark green peas, which in flavor and quality closely approach the well known Champion of England. Wherever tried it has given excellent satisfaction. We know of no pea which remains palatable longer after it becomes large enough to use. Its great vigor, productiveness and splendid quality entitle it to the prominent place we here give it this season.

Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.25; bu., \$4.75.

The Best Forcing... Radishes...

EARLY SCARLET GLOBE.

FOR forcing, either in greenhouses, hot beds or cold frames and for sowing in the open air early in spring, there is no more paying Radish than this. Its handsome form and rich scarlet color make it very salable. Flavor mild; crisp, juicy and tender. Will bear heat without becoming pithy or spongy, and has but little foliage compared with the size of the Radish. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

NEW LEAFLESS. Our illustration conveys a good idea of the appearance of this new Radish. The Radishes grow so rapidly that the roots are practically in advance of the leaves, which fact suggested the name Leafless. The skin is a beautiful bright color, and the crisp, tender flesh of most excellent quality. A very shy seeder. Per pkt., 10c.; 3 pkts. for 25c.

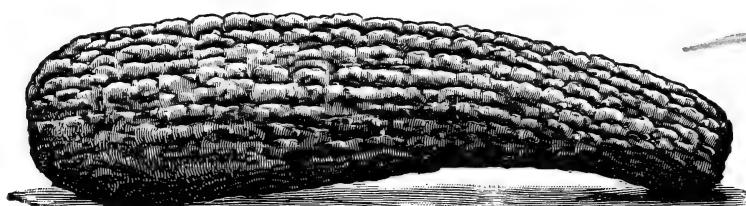
EXPRESS. A splendid new forcing sort, quite distinct in form, being much brighter than Wood's Frame or Long Scarlet. It is a cross between the former and Scarlet Olive. The appearance is altogether better, and the flavor and crispness put it a long way ahead of any other variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.



NEW LEAFLESS RADISH.

VICTORIA SPINACH.

A variety introduced from Germany, where it stands in high favor. Leaves very dark green, almost black, very thick and spread out flat upon the ground. It is a long standing variety and is most suitable for spring sowing. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 25c.



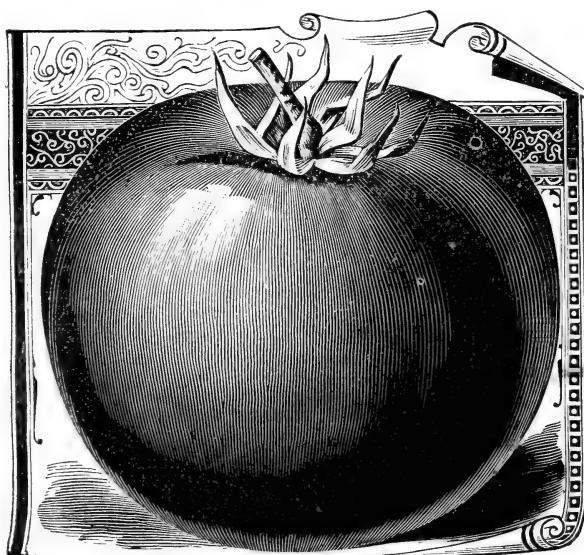
Market gardeners who ship early Squash to distant markets know the difficulty of packing crook necks in boxes to advantage. In the Straight-neck this disadvantage has been overcome. By constant selection of the seed stock additional size has been gained. The quality is all that can be desired. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

Straight-Neck

...SUMMER...

SQUASH..

UNIFORM IN SHAPE, FORM AND COLOR,
AND
UNEQUALED IN BEAUTY AND QUALITY.



FORDHOOK FIRST TOMATO.

✓ NEW TOMATO. Fordhook First.

SOME of our Chicago market gardeners procured seed of this superb new Tomato last season for trial, and everyone praises it highly. Fordhook First is the **largest, smooth, early** Tomato in existence. Plants vigorous but not rampant, fruit smooth, round, solid and uniform, not subject to rot. Color, red and purple. A very good all-round tomato of first quality. Pkt., 10c. oz., 30c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.50.

SCARLET KASHMYR or CARDINAL TURNIP.

A flat garden Turnip of distinct and fine qualities. The color is a remarkable deep rich crimson above, shading to a soft rose hue below. The flesh is white, crisp, solid and of excellent quality. Its drought-resisting qualities will be appreciated by those who may have been disappointed with other varieties. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Novelties and... ...Specialties in FLOWER SEEDS

ASTER—CHICAGO FLORISTS' WHITE.

2178. From its parents Truffaut's Perfection and Victoria it has retained all their good qualities with the added advantage of pure white flowers. These flowers of snowy whiteness, produced on long stems, bring the highest price for cut flowers in the Chicago market. It is a most useful variety for pots and beds, and especially for cut flowers. Pkt., 10c.

ASTER—NEW BRANCHING.

A strong grower of branching habit, blooming later in the season than any other variety. When first sent out but one color, white, was offered. This season we can supply several other colors of the fine aster in mixture. Flowers four inches in diameter and borne on long stems.

2195. Pure white, 10c. 2195a. Mixed, 10c.



CHICAGO FLORISTS' WHITE ASTER.

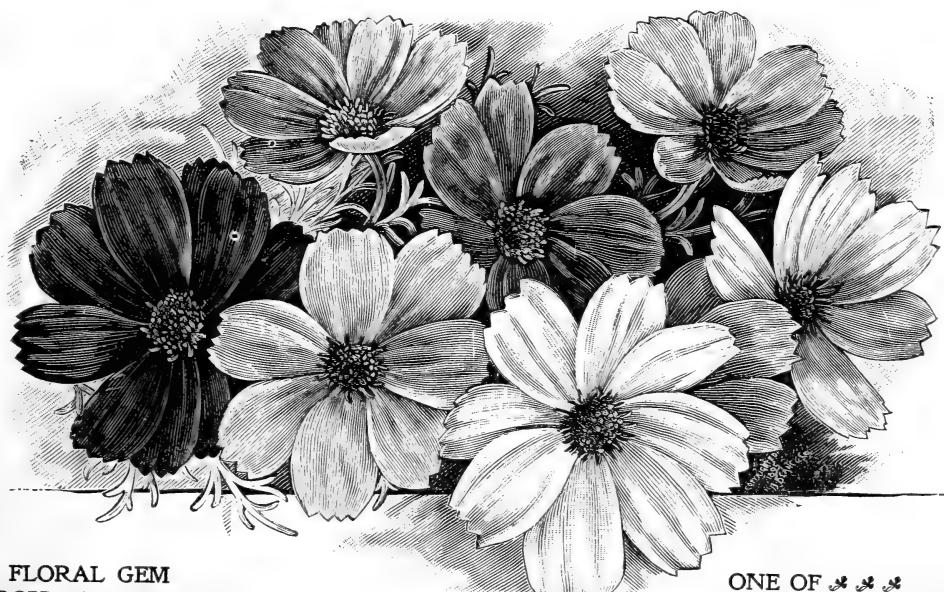
ASTER—SIMPLE'S BRANCHING.

2185. A choice strain of American grown Asters which by careful selection has been brought to a high degree of perfection. The plants branch very freely and bear very large flowers on stems twelve inches long. Desirable for cut flowers. Pkt., 10c. 2185a. White, 10c. 2185b. Pink, 10c.

COSMOS—MAMMOTH

2502. The flowers are double the size of the old large-flowering Cosmos, measuring twelve to fifteen inches in circumference; the petals are broader and overlapping, forming a perfectly round flower deeply ribbed and of splendid substance. For cutting for bouquets and vases this is one of the finest flowers grown, lasting in water for two weeks; the long stems and feathery foliage lend themselves to graceful arrangements.

This new Mammoth strain of Cosmos is the glory of the autumn garden. The plants, five to six feet high, of symmetrical pyramidal form, are one mass of feathery, emerald green foliage, studded with mammoth flowers of white, pink or crimson, enlivening the garden long after more tender flowers have succumbed to early frost. If sown in pots and housed by the end of September they will flower all winter. Price, per pkt., 10c.; 3 pkts., 25c.



A FLORAL GEM
FROM CALIFORNIA.

MAMMOTH COSMOS.

ONE OF THE
AUTUMN'S QUEENS.

HANDSOME AND CHASTE.

COSMOS—New Mammoth California Fancy.

2505. **C**HIS grand Fancy Cosmos greatly surpasses the "Mammoth Perfection" strain offered on preceding page. The flowers are simply lovely. In the mixture are monster pink and white flowers, besides mauve and crimson, some of them having a dark red ring around the eye. Some are shaped like Camellias, some resemble Dahlias, some are star shaped, while the daintiest of all are the fringed ones. A most pleasing novelty. Pkt., 10c.; 3 for 25c.

Chrysanthemum Maximum.

"PERFECTION"

OR LARGE OX-EYE DAISY.

3250. **A**FREE blooming hardy perennial, growing not more than two feet high, forming a large bush, which is literally smothered with pure white flowers, of great substance. This seed will produce the largest flowers, some of them measuring six inches in diameter. It is decidedly one of the best white cut flowers in cultivation, comes very true from seed and should have a place in every garden. Pkt., 10c.; 3 for 25c.



CHRYSANTHEMUM MAXIMUM "PERFECTION."

CARNATION—Guillaud.

3849. **T**his was originated by a celebrated French specialist, and is far superior to any other Carnation seed ever offered. They bloom profusely in the summer and autumn from seeds sown in the spring and are more double, of larger size, better substance and have a greater variety of colors than the Margaret Carnation. If taken up in the fall the plants will bloom through the winter. Pkt.; 10c.; 3 for 25c.



DIANTHUS SUPERBUS "TELEKII."

CARNATION—Double Perpetual.

3848. **C**OMBINES in itself the earliness of the Margaret Carnation, with all the good qualities of the best Tree Carnations. The plant grows uniformly from 16 to 20 inches high, is closely branched and covered with large, handsome, sweet-scented, very double flowers, in every variety of color. The foliage is beautiful; the flower stems straight vertical and very stiff; calyx rarely ever bursts; from the seed produced an unusually large percentage of double flowers. It blooms about seven months after sowing of the seed. It may be sown either in autumn or early spring. Pkt., 10c.; 3 for 25c.

NEW HARDY PINK.

DIANTHUS SUPERBUS "TELEKII."

CHIS new splendid Pink, which is a cross between *D. Chinensis* and *Superbus*, is one of the finest annuals. It is a more vigorous and taller grower than all the other Pinks, while the handsome flowers, both double and single, are produced in great abundance and in an almost endless variety of colors. With slight covering the plants will winter easily. Pkt., 10c.; 3 for 25c.

GREVILLEA ROBUSTA—Silk Oak.

ATENDER perennial, growing about five feet high, with very beautiful and graceful foliage. It is one of our most elegant ornamental plants for the greenhouse and for table decorations, combining the delicate foliage of a fern with the stately grace of a palm. Pkt., 10c.

MIGNONETTE—Defiance.

3251. **W**HEN grown under favorable conditions and with proper care its spikes will grow more than a foot long, with delightful fragrant flowers of great size. It possesses remarkable keeping qualities, the spikes having retained their green and fragrance for three weeks after cutting. Pkt., 10c.; 3 for 25c.

New... Imperial JAPANESE MORNING GLORIES.

GIGANTIC FLOWERS.

MAGNIFICENT FOLIAGE.

EXQUISITE NEW COLORS.

3850. Were sent out for the first time last season with the assurance that they would prove a surprise to all, our claims for their marvellous beauty as made in our last catalogue have been more than fulfilled. In our trials last summer they were the first to elicit the admiration of visitors.

The leaves are large, **heart-shaped**, many of them a rich dark color, **marbled with silvery white or yellow**. The flowers are really gigantic, double the size of the ordinary kind. Their varieties of color are infinite, running from snowy white through all possible shades of blue, and of red, from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion. The Imperial Japanese Morning Glories are of the easiest culture. But as the seed is hard or flinty, before sowing treat as follows: Draw a sharp knife across one edge of the seed, just enough to cut through the shell, then soak in luke-warm water long enough to have seed swell to double the size they were when dry. Sow in May in a warm sunny position in good rich soil, and give plenty of water in dry weather. Price per pkt., 10c.; 3 or 25c; oz., 50c.



NEW IMPERIAL MORNING GLORIES.

New Climbing Nasturtiums.

HYBRIDS OF MADAME GUNTER.

These new HYBRIDS OF MADAME GUNTER take a strong growth, climbing from five to x feet high, and are covered from spring to fall with large, substantial flowers of the most brilliant shades. They are remarkable for their wide range of colors, embracing rose, pink, salmon, purple, velvety dark maroon, light yellow, and deep orange self colors, as well as striped and blotched in the most fanciful manner. Ornamental is this new strain that it deserves a place in every garden, either climbing or trailing from vases, or over the ground. Pkt., 10c., 3 for 25c; oz., 25c.

...NEW NASTURTIUM...

GEN'L JACQUEMINOT.

3102. Almost identical in color with the one of the same name. Pkt. 5c.
e invite your attention to our Imperial Nasturtium Mixture. See page 73.



NASTURTIUM MADAME GUNTER.

IPOMŒA—Heavenly Blue.

2512. In its plain English name this is a Morning Glory whose flowers are produced in large clusters. The coloring is most unique, being of that indescribable heavenly blue, so rarely seen in flowers. Flowers measure from $4\frac{1}{2}$ to 5 inches across. Pkt. 10c.

PETUNIA—Giants of California.

3832. Flowers of extraordinary size in every shade of color from crimson to purest white. Their markings and variations are very odd. Some of the colors are rich and showy, others of lovely delicate shades. Pkt. 15.

NEW PETUNIA—Snowball.

A new very dwarf variety that comes quite true from seed. Admirably adapted for bedding and pot work, as its beautiful large white satiny flowers cover the plant with bloom 25c.

◎ ◎ LATEST ◎ ◎
INTRODUCTIONS IN

Sweet Peas.

FAVORITES everywhere. Larger and more beautiful flowers being produced each season. The splendid varieties described on this and the following page are representatives of the highest forms of Sweet Pea culture, distinct from all others, and cannot fail to produce the most pleasing results.

To insure satisfactory returns we reproduce from THE SWEET PEA REVIEW a few cultural hints. It will be observed they run somewhat different than the stereotyped directions.

DON'T expect Sweet Peas to thrive in a sunless location, nor in poor soil.

DON'T sow too shallow. Plant the seeds not less than two inches deep. Get the seeds in early.

DON'T overfeed. Bone meal in some form is the best fertilizer. Don't use fresh manure in the trenches.

DON'T gather the flowers grudgingly. The more flowers you cut the longer the vines will bloom.

Red Riding-Hood.

A DEPARTURE IN FORM OF FLOWER.

3745. Flowers when fully developed are rosy pink shading to blush white; in form resemble a snap dragon. They are **remarkably fragrant** and in **plenitude and continuity of bloom** far in advance of all others. The length and rigidity of the stems is remarkable. Pkt. of 25 seeds, 15c.

CELESTIAL.

3750. In this we find a most pleasing and much desired color—azure blue. The flowers are of largest size, the tint most delicate, becoming more pronounced as the season advances. They are most charming seen in the morning, and towards evening while in the sun light a light blush suffuses them. Although of large size the flowers are exceedingly graceful and the lovely coloring makes this variety very valuable. Pkt., 5c.; oz., 15c.



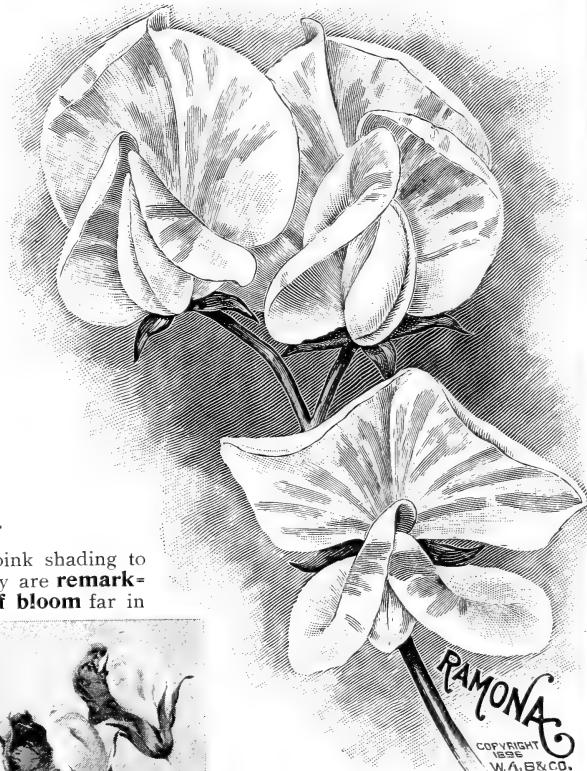
RED RIDING-HOOD.



DAYBREAK.
COPYR.
1896
W.W.B&CO.

**SPECIAL
OFFER . . .**

One packet each of **Red Riding-Hood, Celestial, Ramona, Gray Friar, Daybreak and Cupid** (see next page) for 25c., net.



RAMONA
COPYRIGHT
1896
W.W.B&CO.

~ ~ Ramona ~ ~



3752. In the trial grounds it has proven to have great merit. Flowers of perfect hooded form, of fine substance and delicately beautiful coloring—creamy white striped and barred with pink. A vigorous grower producing three or four flowers to the stem. Re W. T. Hutchins, the well known Sweet Pea expert, speaks very highly of this variety. Pkt., 5c.; oz., 15c.

3753. **GRAY FRIAR**—Entirely distinct from all other Sweet Peas in color and markings. It is somewhat difficult to describe, the general effect gray, somewhat speckled, producing what might be termed pepper and salt variations. The flowers are of good size and form, showing up in marked contrast in a collection of Sweet Pea flowers, while a bunch of Gray Friar alone is most pleasing decoration. On account of its peculiar markings this sort seems to be indispensable. Pkt., 5c.; oz., 15c.

3758. **DAYBREAK**—Seven years of constant, watchful care have been devoted to this variety by Rev. W. T. Hutchins, the Sweet Pea specialist. It is the first novelty of his own which he has offered and it is a beauty—his pride. In color it has a white ground, and on the reverse of the standard is a crimson scarlet cloud which shows through the veins and net work, producing a wavy crimson scarlet effect. The wings are white sometimes, sometimes pencil with carmine toward the inner edge. Pkt., 5c.; oz., 15c.

CUPID.

THE ONLY DWARF SWEET PEA.

Nstriking contrast to Red Riding-Hood (see previous page) is Cupid, the great floral novelty introduced last season, and which is worthy of highest praise. Its extremely dwarf habit makes it available or pot culture in the house or conservatory, while its very dwarf, compact and spreading manner of growth renders it of great value for edgings and bedding. The flowers are not quite so large as "Emily Henderson," pure white and of good substance. The plant is a wonderful free bloomer, coming into flower in May and continuing until late in the Fall. Pkt., 5c.; oz., 25c.



CUPID.

"BOUQUET" COLLECTION OF SWEET PEAS.

NEW varieties of Sweet Peas have multiplied with such rapidity during recent years that upwards of one hundred sorts are known to the seed trade. We have selected from this great number a collection which for size, color and perfection of form, as well as freedom of bloom, will satisfy the most critical.

<p>3580. Blanche Burpee. A grand pure white, very large flowers.</p>	<p>3581. Mrs. Eckford. Primrose yellow.</p>
<p>3587. Extra Early Blanche Ferry. The earliest Sweet Pea. In full bloom two weeks before any other sort! Wings nearly white, standard deep rose pink. Habit very dwarf, desirable for greenhouse culture, and can be grown outside without any support whatever.</p>	
<p>3614. Captain of the Blues. Standards bright purple blue with pale blue wings.</p>	
<p>3615. Duke of Clarence. Large, rosy-claret flowers.</p>	
<p>3623. Countess of Radnor. Wings blue, standard mauve.</p>	
<p>3626. America. White, deep red stripes.</p>	
<p>3636. Katherine Tracy. Soft pink.</p>	
<p>3637. Stanley. Deep maroon.</p>	
<p>3638. Lottie Eckford. White, edged with blue.</p>	
<p>3639. Firefly. Intense crimson scarlet.</p>	
<p>3640. Venus. Salmon buff, shaded pink.</p>	
<p>3641. Lady Penzance. Orange rose, fine.</p>	
<p>3642. Blushing Beauty. Soft satiny pink.</p>	
<p>3645. Igne a. Deep bright scarlet.</p>	
<p>3860. Emily Henderson. Purest white.</p>	

Price, any of
the above, large
pkt., 5c.; any three
for 12c.; 7 for 25c.
oz., 10c.; $\frac{1}{4}$ lb., 25c.

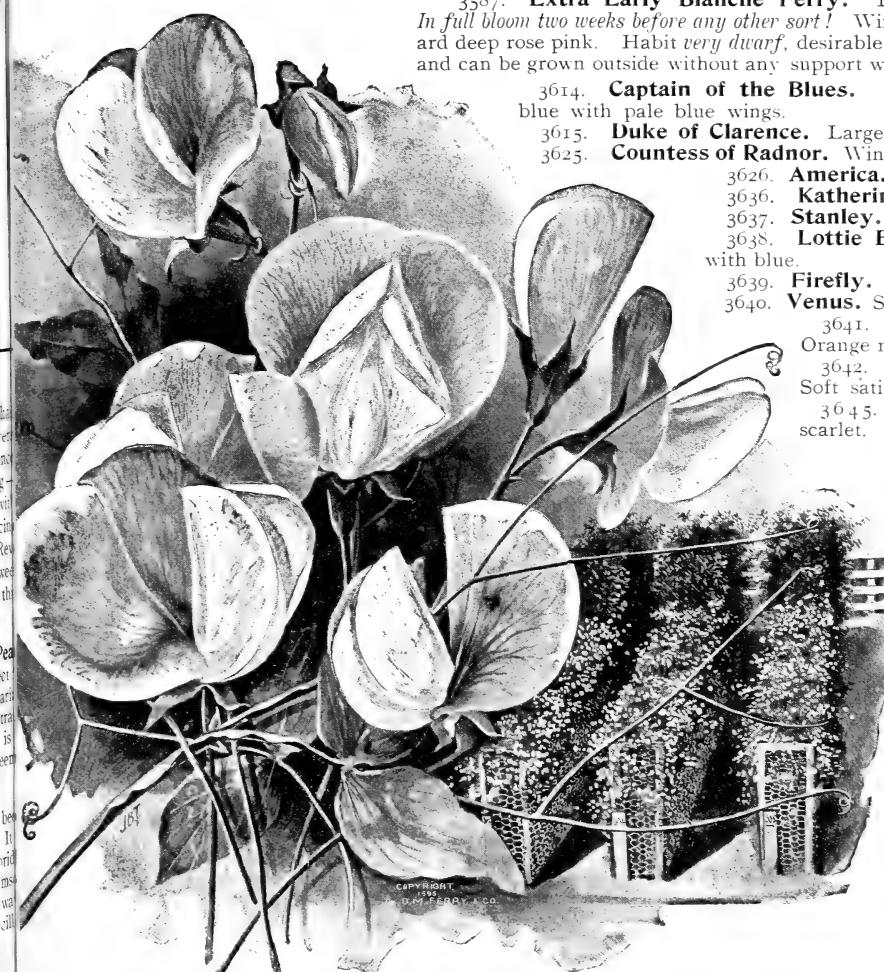
Bouquet & Collection

Containing one
packet each of the
above sixteen su-
perb varieties, 50c.

The sixteen kinds
named above each
put up in a separate
ounce bag, making
**a pound of Sweet
Peas** for 75c. Con-
sidering the quality
this is a decided bar-
gain.

For General List
of Sweet Peas, see
page 79.

EXTRA EARLY BLANCHE FERRY.



**NEW AND
SUPERB**

DAHLIAS

....THE COMING....
POPULAR FLOWER.

GRAT improvements have been made during recent years and an American Dahlia Society is now in existence, having for its object the further development of new types and colors in Dahlias. At our trial grounds the past season we grew all the following and several other beautiful sorts. The extraordinarily large and perfect flowers with great diversity of coloring were a revelation. The collection, imported by us from a noted English specialist, is replete with gems some of which can be supplied by no other firm in America. It is fully up to date.

Our prices are for good strong DRY BULBS. The tubers should not be put into the ground until settled weather, say May 20. We will book orders any time, but will not send out the tubers until May 1. If sent sooner, at purchaser's risk.

4 Grand Dahlias

Mrs. Langtry. A splendid double show variety which always wins first prize. Creamy yellow, tipped with crimson. A grand flower. 30c.

Ernest Glasse. Splendid Cactus Dahlia, rich purplish majenta flowers on long stems. Standing well above the foliage. Very rich. 30c.

Mrs. Gladstone. The most popular show variety in existence. Delicate soft pink of exquisite shade. Handsome. 30c.

Winnifred. This is a Pompone sort with small, neat flowers, pure white, occasionally tipped lavender. Dwarf. Good for bouquet. 25c.

One each of the above 4 for 75c. postpaid.

* Pompone or Bouquet. *

Each 25c. 3 for 60c. Doz. \$2.25 Postpaid.

Ariel. Orange buff, perfect flowers, fine form.

Dandy. Crimson purple, small and very pretty.

Gazelle. Yellow edged with rosy majenta.

Juliette. Yellow shaded orange.

Little Sweetheart. Red tipped with white.

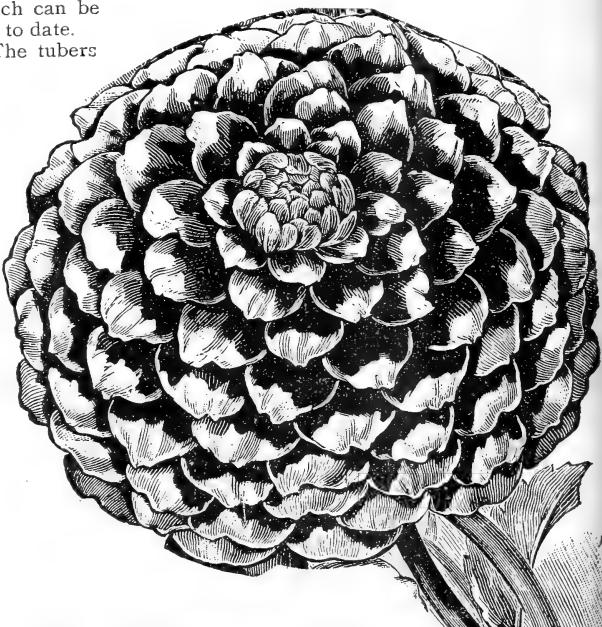
Mars. Bright scarlet, dwarf, free bloomer.

Mignon. Bright crimson scarlet. Showy.

Prince of Lilliputians. Deep maroon. Rich.

Pure Love. Soft lilac. Beautiful. Fine shape.

Mary Kirk. Pleasing yellow. Fine bushy habit.



Large Flowering or Show.

Each 30c. 3 for 75c. Doz. \$2.75. Postpaid.

Dandy. Orange striped with crimson. Fine.

Gen'l Grant. Orange, chocolate striped. Large.

Hero. Rich lilac, striped with maroon. Fine shape.

Magnet. Lilac, striped with purple markings.

Pandora. Pale blush. An exhibition sort.

Prince Henry. Lilac, striped with purple. Very distinct.

Sunset. Yellow, flaked with scarlet. Large flower.

* New and Improved Cactus Dahlias **

VERY SHOWY. SPLENDID FOR CUT FLOWERS.

Asia. Delicate peach. Very early. Large flowers.

Marchioness of Bute. Pure white with rosy tips.

Miss Barry. Rosy lake. One of the best. Perfect in form.

Nymphœa. Fragrant. A clear distinct light shrimp pink, shading to blush. Very pretty.

SPECIAL OFFER... * The complete Collection, one each of all the new and superb Dahlias (30) on this page at the very low price of \$4.50, postpaid.

In addition to the foregoing Superb Dahlias we offer a number of standard well known varieties and mixtures. See page 84.

Each 25c. 3 for 60c. Doz. \$2.25. Postpaid.

Oban. Delicate fawn, an unusual shade. Medium.

Panthea. Rich salmon, a peculiar shade. Pretty.

Prof. Baldwin. Orange, a great improvement.

Robt. Maher. Golden yellow. Prolific bloomer.

Wm. Darvil. Bright purplish magenta.

The famous hardy climbing ROSE.

CRIMSON RAMBLER.

****Glowing Crimson Flowers in Marvellous Profusion.

UNQUESTIONABLY the most meritorious Rose introduced in many years. A rapid grower, making shoots from eight to ten feet during a season. Can also be grown in bush form. Flowers in immense trusses, pyramidal in shape, rich glowing crimson. It is exceedingly hardy, the wonder and admiration of all. Strong, 2 years old field-grown plants, by express only, each 25c., 3 for 75c.

Order Sheet to W. W. BARNARD & CO.

POSTPAID.

POSTPAID. At prices quoted we pay the postage on all VEGETABLE SEEDS by the packet, ounce, quarter pound, pound, pint and quart and all FLOWER SEEDS. If Vegetable Seeds by the pound, pint or quart are ordered sent by express or freight, 10 cents per pound, 15 cents per quart on Peas and Beans and 10 cents per quart on Corn may be deducted. We also pay the postage on Bulbs and Plants except where noted.

DISCOUNTS ON SEEDS IN PACKETS AND OUNCES.

Purchasers may make selections of seeds in **packets** and **ounces** at the following discounts:

When sending \$1.00 to the value of \$1.30.
When sending \$2.00 to the value of \$2.70.

When sending \$3.00, to the value of \$4.00.

When sending \$4.00, to the value of \$5.50.

When sending \$5.00, to the value of \$7.00.

These discounts **do not apply** to seeds sold in bulk in larger quantities than one ounce, nor on collections, bulbs, plants, or tools. For all of these the published price must be sent.

ON SEEDS

FROM Catalogue Prices by the $\frac{1}{4}$ pound, pound, peck or bushel (except on grass and clover seeds) when cash is sent with order, purchaser may deduct 5 per cent on an order from \$3.00 to \$5.00, and 10 per cent on an order from \$5.00 to \$10.00. No Charge for Boxing, Packing or Cartage.

Half pounds and over are sold at POUND RATES, **pecks** and over at BUSHEL RATES, unless otherwise specified. Please order Flower Seeds by number. Vegetable Seeds by name. Extra order sheets furnished on application.

Please order Flower Seeds by number. Vegetable Seeds by name. Extra order sheets furnished on application.

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Your Name.....

How to Forward Money Safely.—See directions in Catalogue.

Post-Office

Amount Enclosed, \$

County _____ **State** _____

State if sent by P. O. Order,
Express Order, Draft,
Postal Note Etc

Express or }
Freight Office } State on this line whether wanted
sent by Mail, Express or Freight.

Date 1897.

We shall esteem it a great favor if you will give us in the spaces below the NAMES AND ADDRESSES of any Neighbors and Friends among your acquaintances. We wish to send them OUR SEED CATALOGUE.

VEGETABLE SEED COLLECTIONS—Net, no discount.

For the convenience of many we have prepared the following collections of choice tested Vegetable Seeds. These assortments are carefully made up and contain desirable varieties of seeds of the same good quality as will be found in packages selected from the list in the regular way. These collections are put up ready for shipment before the busy season opens; this, and a desire to induce a trial of our seeds, enables us to place on them a very low price. Considering the reduced rates at which they are offered, we cannot make changes in them nor allow the premiums offered with orders elsewhere. See also page S2 for Flower Seed Collections.

25c.	COLLECTION "A."	25c.	\$1.00	COLLECTION "C."	\$1.00
Ten packets, prepaid for twenty-five cents				Forty packets, prepaid for one Dollar	
ONION—Prize Taker.	BEANS—Ex. Early Refugee.	BEANS—Ex. Early Refugee	W. MELON—Phinney's Early		
RADISH—French Breakfast.	BEET—Edmund's Bld. Tr'nip	" —Imp. Golden Wax	" —Kolb's Gem		
PEAS—Little Gem.	CABBAGE—Allhead Early.	" —Hendersons B. Lima	ONION—Yellow Gl. Danvers		
TOMATO—New Stone.	CUCUMBER—Siberian.	BEET—Edmunds Bld. Tr'nip	" —Large R. Wethersfield		
TURNIP—Purple Top, Wh. Gl.	LETTUCE—Simpsons Curled.	" —Long Dark Blood	PEPPER—Ruby King		
		CABBAGE—Ev. J. Wakefield	PEAS—Nott's Excelsior		
		" —Fottlers Brunswick	" —Everbearing		
		CARROT—Danvers Half Long	PARSNIP—Hollow Crown		
		S. CORN—Early Minnesota	PARSLEY—Double Curled		
		" —Country Gentleman	PUMPKIN—Large Cheese		
		CUCUMBER—Siberian	RADISH—French Breakfast		
		" —Imp. Long Green	" —Long Scarlet		
		EGG PLANT—N. Y. Purple	" —White Strassburg		
		ENDIVE—Green Curled	SQUASH—Warty Hubbard		
		KOHL RABI—White Vienna	" —Bush Scallop		
		LETTUCE—Simpsons Curled	TOMATO—Acme		
		LEEK—American Flag	TURNIP—P. T. White Globe		
		MUSK MELON—Netted Gem	RUTA BAGA—Am. P. Top		
		" —Osage	SPINACH—Round Summer		
			SALSIFY—Mam. S. Island		

BARNARD'S TESTED VEGETABLE SEEDS.

BUYERS OF SEEDS IN LARGE QUANTITIES WILL FIND IT ADVANTAGEOUS TO SEND FOR OUR MARKET GARDENERS' PRICE LIST.

PRICES... REDUCED

To meet the prevailing monetary values our entire list has undergone a thorough revision, and prices are cut to the lowest notch at which good seeds can be supplied. In order that those whose needs in the seed line are comprised within a few packets or ounces may share these reductions, a greatly increased discount has been arranged, viz:

DISCOUNT ON SEEDS IN PACKETS AND OUNCES.

Purchasers may make selections of seeds in **Packets and Ounces** at the following discounts:

When sending \$1.00, to the value of \$1.80.

When sending \$3.00, to the value of \$4.00.

When sending \$2.00, to the value of \$2.70.

When sending \$4.00, to the value of \$5.50.

When sending \$5.00, to the value of \$7.00.

These discounts do not apply to seeds sold in bulk in larger quantities than one ounce, nor on collections, bulbs, plants, or tools. For all of these the published price must be sent.

ON SEEDS IN BULK.

FROM Catalogue Prices by the $\frac{1}{4}$ pound, pound, peck or bushel (except on grass and clover seed) when cash is sent with order, purchaser may deduct 5 per cent on an order from \$3.00 to \$5.00, and 10 per cent on an order from \$5.00 to \$10.00.

OUR PRICES INCLUDE POSTAGE on packets, ounces, quarter pounds, pounds, pints and quarts. Except Where Noted. If the purchaser will pay the freight or express charges, ten cents per pound, fifteen cents per quart and ten cents per pint may be deducted from the prepaid prices herein offered.

ARTICHOKE.

Artichoke, GER.

Artichaut, FR.

Sow Seeds in April or May in deep, rich, sandy loam with plenty of well rotted manure. When large enough transplant into rows three feet apart and two feet in the rows.

GREEN GLOBE. Much esteemed for its delicately flavored flower heads which are prepared for eating like Brussels Sprouts or Kale. Pkt., 5c.; oz., 30c.

JERUSALEM. This variety is not produced from seed. They are sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock. They are remarkable for their fattening properties, great productiveness (over one thousand bushels having been grown on one acre), and ease with which they can be grown. They need not be dug; the hogs should be turned in on them, and will help themselves by rooting. One acre will keep from twenty to thirty hogs in fine condition from October until April, except when the ground is frozen too hard for them to root. They are also said to be a preventative of cholera and other hog diseases and they are also highly recommended for milch cows, increasing the yield of milk and at the same time improving their condition. Three bushels will seed an acre. They should be cut the same as potatoes, one eye to a cut being sufficient, planted in April or May, in rows three feet apart and two feet in rows, and covered about two inches deep. They can be shipped at any time during the season, as they are not injured by freezing. Lb. 25c., post-paid, by express or freight; pk. 35c.; $\frac{1}{2}$ bu., 65c.; bu. \$1.25.

ASPARAGUS SEED.

Spargel, GER.

Asperge, FR.

1 oz. will sow 60 feet of row, and produce about 500 plants.

To grow Asparagus plants from seed, sow in drills about one inch deep, in rows a foot apart. Keep the soil mellow and free from weeds during the summer, and in the fall or spring the plants may be set out in beds about a foot apart each way, with the crowns four inches below the surface. Before winter cover the transplanted beds with four inches of manure. Sow a little salt on the surface in the spring, and it will keep down the weeds.

COLUMBIAN MAMMOTH WHITE. The valuable feature of this new sort is that its shoots are white and remain so without earthing or blanching. It is stronger in habit, throws larger shoots and fully as many as Conover's Colossal. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb. \$1.00.

PALMETTO. Extremely early, productive and of uniform growth. Pkt., 3c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

CONOVER'S COLOSSAL. The standard variety for market or home use. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

ASPARAGUS ROOTS.

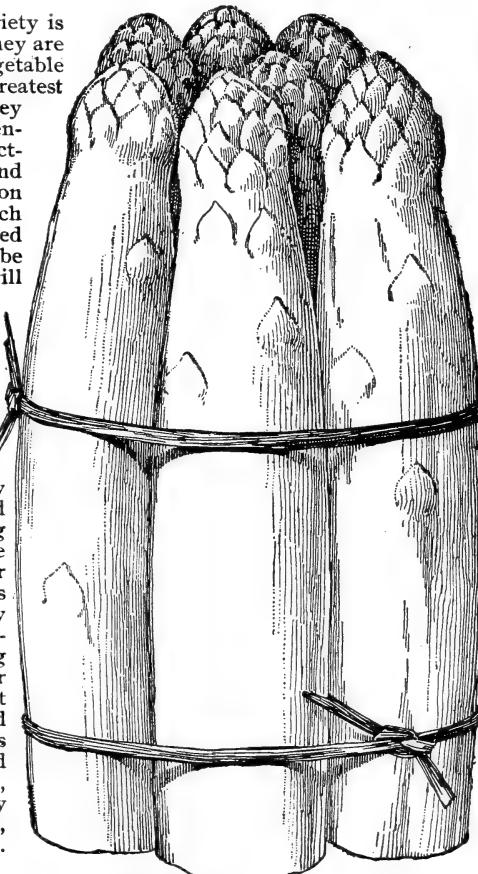
One to two years time may be gained by using roots. Set out in spring or fall.

If to be sent by mail add 30c. per 100 to prices given. We will mail 25 at 100 rate.

COLUMBIAN MAMMOTH WHITE. Two-year-old roots, 100, \$1.00; 1000, \$6.50.

PALMETTO. Two-year-old roots, 100, \$1.00; 1000, \$6.00.

CONOVER'S COLOSSAL. One-year-old roots, 100, 50c.; 1000, \$4.50. Two-year-old roots, 100, 75c.; 1000, \$5.00.



COLUMBIAN MAMMOTH WHITE ASPARAGUS.

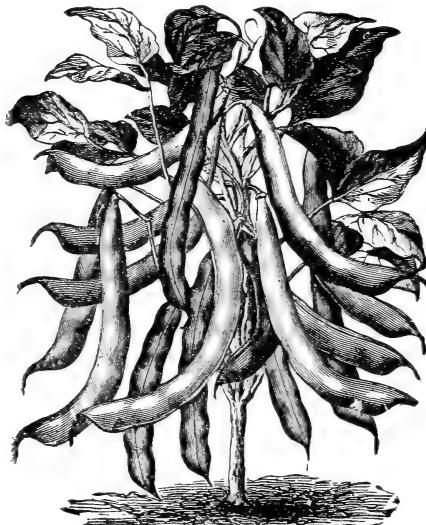


BUSH BEANS.

Bonnen, GER. Fajorenano, SP. Haricot, FR.

1 Quart to 100 feet of drill or to 200 hills; 2 bushels per acre in drills.

Warm, light, slightly fertilized soil, in a sunny situation, should be used. As soon as all danger of frost is past, plant in drills 18 to 30 inches apart, 2 inches in depth, and at a distance of 3 to 6 inches in the row; the distance between both drills and plantings varying according to the habits of the varieties used. If hills be preferred, space them two feet apart one way and three feet the other. Never work among the vines when wet, as it induces rust.



IMPROVED RED VALENTINE.



IMPROVED EXTRA EARLY REFUGEE.

Dwarf Bush or Snap Beans.—(GREEN PODDED SORTS.)

✓ IMPROVED RED VALENTINE.

One of the finest snap varieties. Pods long, curved, fleshy and extremely tender. Highly appreciated by market gardeners generally for its prolificacy and extreme earliness, the crop maturing fully ten days earlier than the common Valentine, and remaining longer in condition for use. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.25.

✓ WARREN. A thorough trial convinces us that this is the *richest flavored bush bean*. It is a good yielder. Pods large, pulpy and stringless. We recommend a trial. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 1.10; bu., \$4.00.

✓ EARLY MOHAWK. Very early, will stand a light frost. An old standby and a prolific sort. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.25.

✓ LONG YELLOW SIX WEEKS. Hardy, early and productive. A standard sort for general crop. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.25.

✓ BEST OF ALL. Originated in Germany. Pods long, very tender, succulent, stringless, of rich flavor and an enormous producer. Very popular, especially in the South. Excellent for winter shell beans. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$3.75.

✓ IMPROVED EXTRA EARLY REFUGEE.

Similar to the ordinary Refugee, but nearly two weeks earlier. It has all the good qualities of the old Refugee; the vines are equally as vigorous, hardy and unusually prolific. Quality unsurpassed. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.50.

✓ STRINGLESS GREEN POD. The only *absolutely stringless* Bush Bean, and even earlier than Yellow Six Weeks; while the pod is round and full, longer and straighter than Red Valentine. It is hardy and prolific and is destined to take front rank. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$2.25.

✓ REFUGEE, or THOUSAND TO ONE. A most desirable late variety. Pods long, cylindrical, pale green; beans oblong, light drab, splashed with purple. Hardy and abundant yielder. Flesh thick, tender, and exceptionally fine as a snap or picking variety. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.25.

✓ EARLY CHINA RED EYE. An old standard variety. Excellent for snaps when young, and of finest baking quality when ripe. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.25.

Varieties for Shelling.

✓ BOSTON SMALL PEA. Early, very hardy, and very prolific, and yields from forty to sixty fold, and, in some instances, a hundred, with ordinary field culture. One hundred and twenty-three pods have been picked from one plant. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.50.

✓ PROLIFIC TREE. A variety for field culture. On rich soil it is remarkably prolific; one plant has produced three hundred and ninety-nine full-sized pods. It grows about 20 inches high, branching in all directions, and bears its pods high enough to keep them well off the ground. The beans resemble the navy bean but are more rounded. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.50.

✓ WHITE NAVY. Valuable chiefly as a field bean and considered by many the best baking variety. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.50.

✓ ROYAL DWARF, OR WHITE KIDNEY. Among the best as a winter bean. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$3.75.

✓ DWARF HORTICULTURAL. A half-early; very productive and much esteemed for mild flavor and general good quality of the dry beans. Excellent for snaps. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$3.75.

✓ LARGE WHITE MARROW. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.50.

W.W. BARNARD & CO'S.

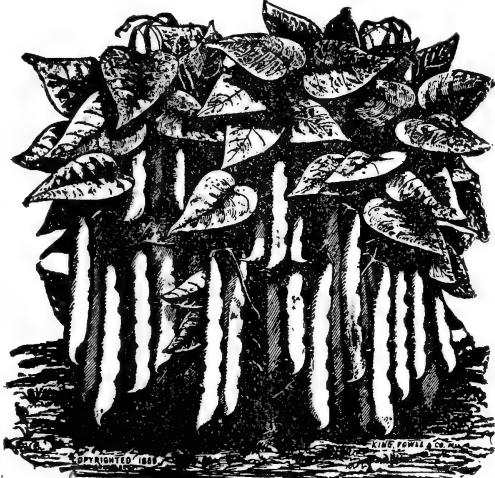
TESTED SEEDS

CHICAGO, ILL.

IMP ENG. G.

Wax or Butter Beans.

We Pay Postage on Packets,
Pints and Quarts at these Prices.



IMPROVED GOLDEN WAX.

✓ IMPROVED GOLDEN WAX.

This new strain of Golden Wax is of vigorous growth, quite free from rust, early and productive. Pods are thicker than Golden Wax, stringless and of much better quality. *Absolutely rust proof.* Pkt., 5c.; Pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.50.

✓ YOSEMITE MAMMOTH WAX.

In this we have a most perfect wax bean. The mammoth pods, 8 to 10 inches in length, are nearly all solid pulp, absolutely stringless, cooking tender and delicious. Pods are rich golden in color and of handsome appearance. The plant is vigorous and exceedingly productive. Pkt., 7c.; pt., 25c.; qt., 45c.; pk., \$1.50.; bu., \$6.00.

✓ WARDWELL'S KIDNEY WAX.

Earlier, a better yielder than Golden Wax, and not liable to rust. Pods long and showy, rich golden color, stringless and of excellent quality. Beans, kidney-shaped. Decidedly the best variety for the market gardener. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.50.

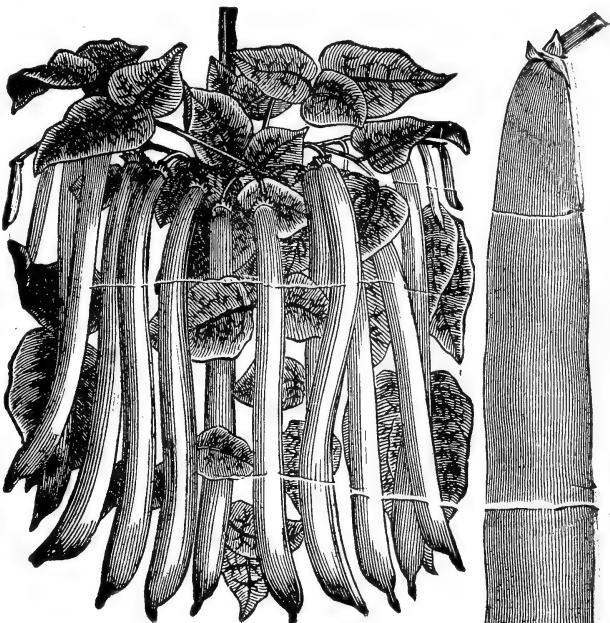
✓ CURRIE'S RUST PROOF WAX.

For earliness this is at the head of the Wax Family. It is not only rust proof, but is exceedingly productive. Pods long, flat and straight, of a beautiful golden color. Quality, the very best. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.50.

✓ CHALLENGE BLACK WAX. An extra early Wax Bean, fully one week earlier than any other Wax Bean. Plants very vigorous and prolific. Pods have the same general appearance and are about the same size as the German Wax, but are not quite so much curved and are flatter. Market gardeners and those wishing early Wax Beans should give this a trial. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.50.

✓ WHITE WAX. Tender and delicious as a snap bean. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.50.

✓ IMPROVED PROLIFIC BLACK WAX. Very early and prolific. The pods are round, full, stringless and of fine quality. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.50.



FLAGEOLET WAX.

✓ FLAGEOLET WAX.

Valuable for both private and market garden. The pods are often one foot in length and of a beautiful golden wax color, quality the very best, exceedingly succulent and tender. Beans when dry are bright red. Pkt., 5c.; pint 20c.; qt., 35c., pk., 90c.; bu., \$3.50.

✓ REFUGEE WAX.

A perfect Refugee, with wax pods that are long, round and of a golden yellow color. It is suitable for early or late sowing, and for a wet or dry season. An immense yielder. Pkt., 7c.; pt., 20c.; qt., 40c., pk., \$1.00 bu., \$4.00.

✓ DAVIS KIDNEY WAX.

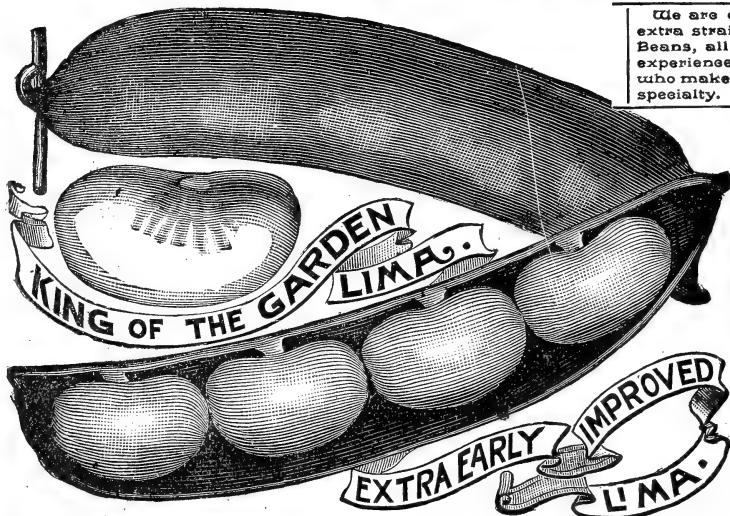
(See Novelties) pkt. 10; pt. 25c.; qt. 40c.

GOLDEN WAX. Vines of medium size. Pods, golden colored and wax-like in texture. Beans, oval, white, with more or less of two shades of reddish purple visible. One of the most delicate and finely flavored, as well as earliest of the wax sorts. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., \$3.00.

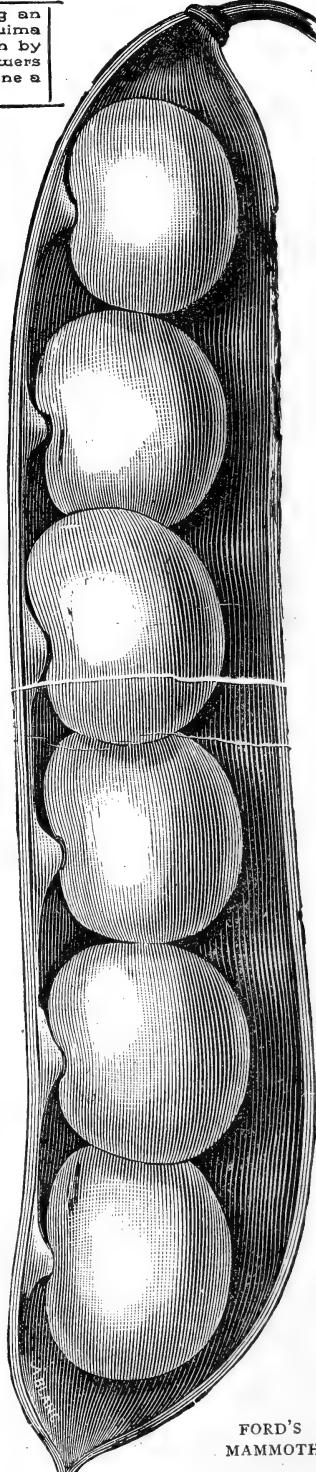
✓ Yellow Eye Wax.

This variety is highly esteemed for its merits, which are earliness, vigor of growth, health and freedom from rust, great productiveness, handsome appearance, and good keeping qualities. These combine to win for it favor, both as a shipping variety and for the private garden. Large flat yellow pods. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., \$3.00.

BLACK WAX. Early. Pods short, round, nearly white, beans black, when ripe. Valuable as a snap bean. Amply rewards the gardener for good care and cultivation — whether for the market or the home table. Pkt. 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., \$3.00.



We are offering an extra strain of Lima Beans, all grown by experienced growers who make this line a specialty.



FORD'S MAMMOTH

Running or Pole Beans.

KING OF THE GARDEN LIMA. In general habit of growth this is similar to the large white Lima but matures the fruit much earlier. It possesses the characteristic of setting beans early at the bottom of pole and producing continuously to the end of the season. In productiveness they excel the common Lima. Pods are 6 to 8 in. in length and contain five to seven beans of unusual size, which lack nothing in quality. Pkt., 10c; pt., 25c; qt., 45c; pk., \$1.50; bu., \$6.00.

EXTRA EARLY LIMA. An exceedingly fine variety, which by careful tests, has proved to be ten days or two weeks earlier than any other. The pods are large and borne in abundance; contain four to five beans each, of superior quality. Altogether it is a profitable variety and especially recommended to those who grow Lima Beans for market purposes. Pkt., 10c; pt., 25c; qt., 45c; pk., \$1.50; bu., \$6.00.

LARGE WHITE LIMA. A late standard variety, which has long been considered the most tender and delicious bean grown, either green or ripe. Ours is an extra selected stock. Pkt., 10c; pt., 25c; qt., 45c; pk., \$1.50; bu., \$6.00.

FORD'S MAMMOTH PODDED LIMA.

This new strain of Lima Beans comes from Philadelphia and is the result of over 20 years selection of one of the oldest and most successful gardeners around that city. The pods are produced in great clusters averaging in length 8 in., and enclosing from five to seven beans per pod, of most excellent quality for use either green or dried. The bean when dry is of mammoth size exceeding the King of the Garden and other improved sorts. It bears continuously through the season up to the time of frost. *Ford's Mammoth Podded*, is without exception the largest podded, finest flavored and most productive of all Lima Beans. Pkt., 10c; pt., 30c; qt., 50c; pk., \$3.00; bu., \$10.00.

CUTSHORT OR CORNHILL. An old variety very popular for planting among corn. Will give a good crop without the use of poles. Vines medium with dark colored smooth leaves; pod short, cylindrical and tender. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$1.50; bu., \$6.00.

DUTCH CASE KNIFE. One of the earliest of the pole beans and good either green or dry. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$1.50; bu., \$6.00.

LONDON HORTICULTURAL. — (*Wren's Eggs. Speckled Cranberry*). Fine as a string bean but particularly well flavored when shelled either green or ripe. Very hardy and productive. Preferred by many to the Lima Bean. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$1.50.

SCARLET RUNNER. Cultivated for the beauty of the foliage and blossoms. Flowers scarlet. Pkt., 5c; qt., 30c; pk., \$1.75.

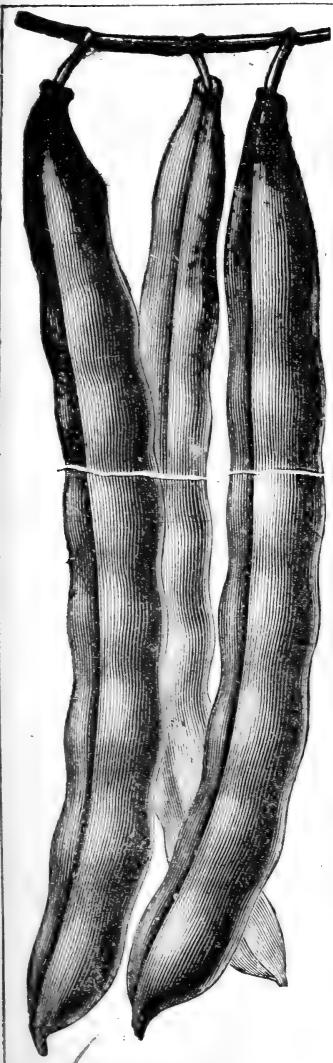
LAZY WIFE'S POLE BEAN.

Beans white, possess superior quality as a green snap short variety, and are unsurpassed as shell beans for winter use. The pods are broad, thick, very fleshy and entirely stringless, of a rich buttery flavor when cooked, and grow from 4 to 6 inches in length. Excellent variety for planting among corn. Pkt., 7c.; pt., 25c.; qt., 50c.; pk., \$2.00.





POLE BEAN, KENTUCKY WONDER.



KENTUCKY WONDER

We regard this as ahead of any other green podded Pole Bean and the earliest also, being ready for the table August 1st. It is enormously productive the pods hanging in great clusters from top to bottom of the pole, in many instances these pods are ten to twelve inches long. They are entirely stringless. The beans are large oval and dun colored. They cook very tender and are of fair quality. Can be grown with corn to good advantage thus securing two crops from the same ground. We consider this bean worthy of a trial. Pkt. 10c., pt. 25c., qt. 45c., pk. \$1.25, bu. \$4.75

ROGERS' "Lima Wax" BEAN.

A Decided Novelty of Sterling Merit.

Named Lima Wax, as it has bright, glossy foliage, and the bloom resembles the Dwarf Lima. The plant is branching and vigorous, with an immense amount of foliage; pods are borne in the greatest profusion, often a single plant having from 50 to 60 or more pods. The pods are the broadest of all Wax Bush Beans, color transparent glossy lemon wax, having the yellow waxy appearance very soon after the pods are formed. When picked, will retain their bright, attractive appearance for a long time and do not become tough. Quality very tender, juicy, and flavor delicate. Seed small, oval, pure white, which is much in their favor compared with a colored bean. They require thin planting (two beans being sufficient for a hill) on very rich soil, and will run true and not sport. Having wonderful productiveness, attractive appearance and keeping qualities, it is likely to become a favorite for main crop with truckers. Owing to its tenderness, fine quality and delicious flavor it cannot help but please those who want the best. Being white seeded, retaining its rich color, and delicate, delicious flavor, when canned, it will be most desirable for canners' use. Per pkt., 15c; 2 pkts., 25c; pt., 40c; qt., 75c.

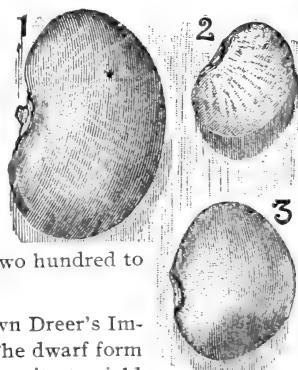
DWARF or BUSH LIMA BEANS.

The three varieties following are all of tree dwarf or bush form, growing 18 to 20 inches high, requiring no support from stakes or poles and therefore very convenient in the home garden. These Bush varieties come into bearing about two weeks earlier than climbing Limas and fill in the gap which comes between Peas and Pole Limas. They are all very productive bearing continuously throughout summer and continuing until frost. Should be planted when the weather and ground have become warm, in rows three feet apart and single plants one foot apart in the row.

HENDERSON'S DWARF LIMA. This was the first introduction in this class and it is as great a favorite today as then. While the beans are not so large as some others, they possess a delicacy of flavor, and productiveness that is surprising. Pkt. 5c., pt. 20c., qt. 40c., pk. \$1.25, bu. \$4.50,

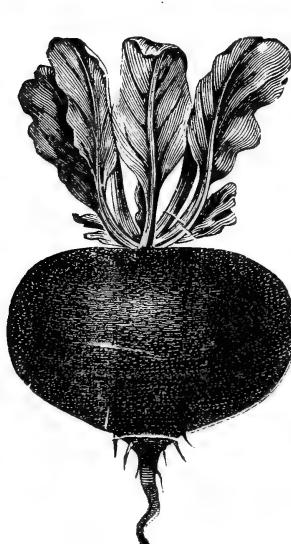
BURPEE'S DWARF LIMA. Recognized as one of the most remarkable of new vegetables. The beans are fully as large and have the same luscious flavor as the large Pole Lima Bean, while the bush character is fully established, coming absolutely true from seed. It is a *sure cropper* and *immense yielder*, bearing large, handsome pods, numbering from fifty to two hundred to the plant. Pkt. 10c., pt. 25c., qt. 45c., pk. \$1.50, bu. \$6.00.

DREER'S DWARF LIMA. This is the Bush form of the well known Dreer's Improved Pole Lima, generally conceded to be the finest in quality of Pole Beans. The dwarf form attains only about two feet in height and makes a strong growth. From its propensity to yield abundant foliage it is recommended to plant on sandy soil where practicable. The beans are large thick and succulent. Many pods contain four and some will have five. Single plants often bear from 100 to 150 pods. Pkt. 10c., pt. 25c., qt. 45c., pk., \$4.50, bu. \$6.00.



Beans, Natural Size.

1. Burpee's Bush Lima.
2. Henderson's Bush Lima.
3. Dreer's (Kumerle) Bush Lima.



EDMUND'S IMPROVED.



EGYPTIAN BLOOD TURNIP BEET.

BEETS.

Runkelrueben, Gr. Remolacha, Sp. Betterave, Fr.
1 oz. to 100 ft. of drill; 5 to 6 lbs. to the acre in drills.

A rich, deep light soil is particularly necessary for a successful growth of beets. For early supply sow very early in spring, soon as ground can be worked, in drills 18 inches apart, 1 inch deep and thin to four inches in the row. For autumn and winter crops, sow later in the season—from the middle of May to the last of June. In October the roots may be taken up and stored in cellar or in pits outside, like potatoes. When young the leaves make excellent greens.

We make special prices in larger quantities.

CROSBY'S EGYPTIAN BEET.

The earliest Beet in cultivation. Originated by careful selection from the old red Egyptian, resulting in handsome form, very small tap root, deep rich color, splendid quality, and above all, very rapid growth. Much in demand by market gardeners for forcing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

COLUMBIA. Introduced a few years ago and decidedly one of the best. It is as *early as Eclipse* and of much better quality. Roots turnip-shaped, flesh deep blood-red, of rich, tender quality. Market gardeners will find this an excellent variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

EGYPTIAN BLOOD TURNIP. The standard market variety. Root globe-like, except for the decided flattening of both top and bottom. Skin deep red, also the flesh; the latter being zoned in two distinct shades, like the Eclipse. Tender, finely grained and sugary, it is a deservedly popular favorite. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

ECLIPSE BEET. Of rapid growth and superior quality. Preferable for forcing, having small, smooth, perfectly round roots of an intense red color both in skin and flesh; the latter being especially sweet and tender. Its extreme earliness and general *petite* appearance, both of bulb and leaves, bespeak for it marked favor with all gardeners. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

LENTZ' EXTRA EARLY. Round, smooth, very dark red, tender; little larger than the Egyptian, *fully as early, better cropper*, and a fine keeper. Produces a crop in six weeks from time of planting. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

HALF LONG BLOOD. The root of this excellent new sort is about one-half as long as the Long Dark Blood, but thicker. It grows well under ground. Flesh dark red, very sweet and tender; skin smooth and handsome. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

IMPROVED EARLY BLOOD TURNIP. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

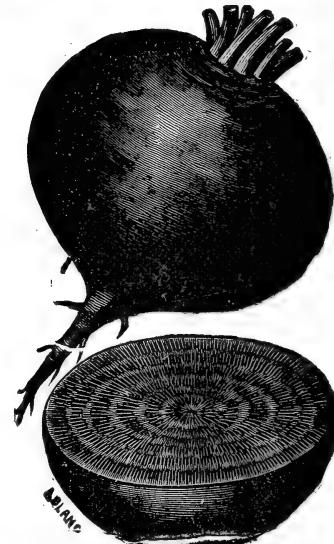
DEWING'S EARLY BLOOD TURNIP. Superior table beet. Very early; skin smooth; flesh deep red. An excellent variety. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

EARLY FLAT BASSANO. Red-skinned below ground, brown above. Flesh zoned with white. A fine summer or winter variety; also the leading sort to sow for greens. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

LONG, SMOOTH, DARK BLOOD. Tops large, roots long and red-skinned. Tender and sugary. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

SWISS CHARD. Used as greens, the stems being cooked like asparagus, while the leaves are served as spinach. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

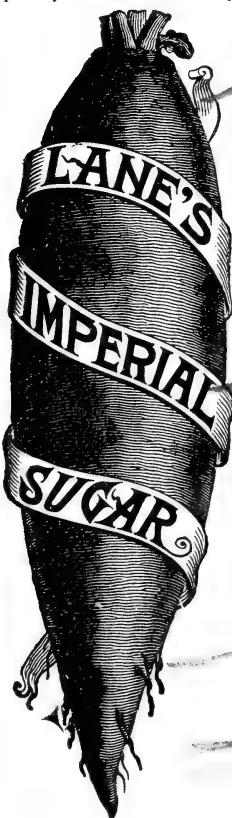
LANE'S IMPERIAL WHITE SUGAR. It is not so sweet as the French sugar beets grown especially for sugar-making, but the roots are longer and more symmetrical, of fine grain and very sweet, making it good for table use or for cattle feeding. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.



ECLIPSE BEET.

EDMUND'S EARLY BLOOD TURNIP.

No variety is more highly esteemed or generally used by Chicago market gardeners than Edmund's Blood Turnip. We have the highest and most perfect type of this excellent variety. None better can be obtained anywhere. The skin is very deep, blood-red in color; the flesh also is very dark red, exceedingly sweet and tender. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.



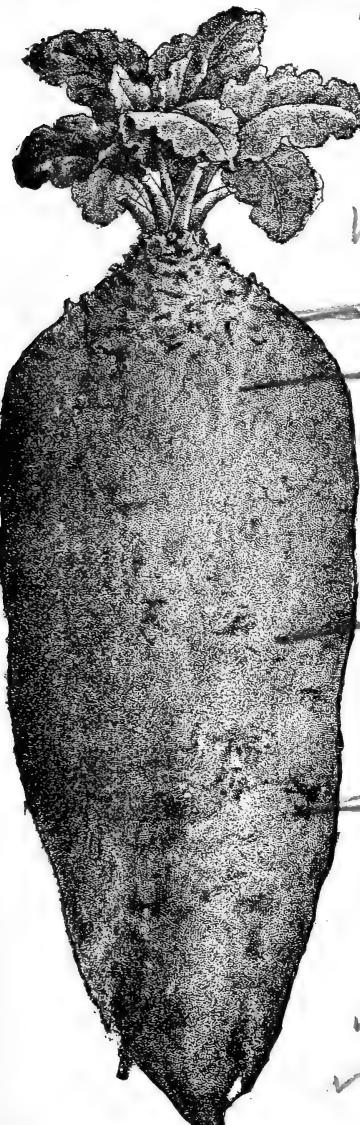
W.W. BARNARD & CO.

TESTED SEEDS

CHICAGO, ILL.

BEET—MANGEL WURZEL.

They thrive on a variety of soils, from light loam to strong clay, if sufficiently friable for tillage, the largest crops are produced on well drained muck land or a strong loam. The product however is not as sweet as when grown on lighter soils. Essential items for success are deep and thorough cultivation, plow and subsoil at least a foot to eighteen inches, liberal application of fertilizers, and that the ground be kept free from weeds. Sow in drills $2\frac{1}{2}$ feet apart, afterwards thinning to one foot in the rows, plant when ground is warm and moist. The value of the Mangel for stock feeding is little realized; analysis indicating that 400 pounds of it are equivalent to 100 pounds of best hay, crops of from 50 to 70 tons per acre are recorded. It is a food greatly enjoyed by cattle, and the good results are noticeable in the improved health and condition of animals, and in the increased yield of milk in cows.



NEW MONARCH MANGEL WURZEL.

NEW MONARCH. A distinct, valuable new variety of immense proportions and fine, blood-red color. The roots are remarkably smooth and handsome, and of superior nutritive qualities. Moreover, it is enormously productive. This will prove itself a secure investment for our farming and gardening friends. Pkt., 5c.; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 40c; 10 lbs., \$3.50.

MAMMOTH LONG RED. A large, well-formed variety (often 18 inches long). Oz., 5c; $\frac{1}{4}$ lb., 15c; lb., 35c; 10 lbs., not prepaid, \$2.50.

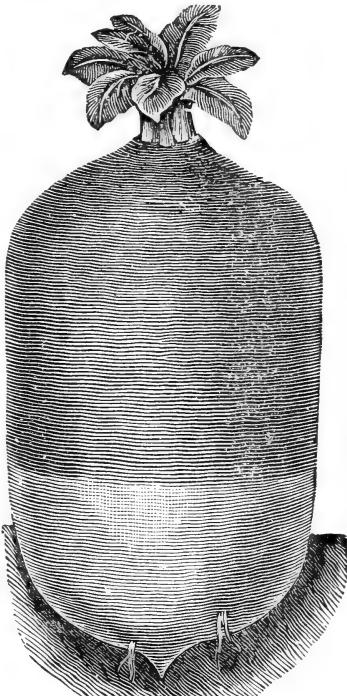
LONG RED. Excellent and desirable in every respect. Oz., 5c; $\frac{1}{4}$ lb., 15c; lb., 30c.

LONG YELLOW. Differs from the Long Red in color only, and is very desirable. Oz., 5c; $\frac{1}{4}$ lb., 15c; lb., 35c.

GOLDEN TANKARD. Root large, nearly cylindrical in the center and tapering abruptly both top and bottom. Flesh zoned in golden yellow and white. An extremely desirable and comparatively new variety that is rapidly superseding all others. Oz., 5c; $\frac{1}{4}$ lb., 15c; lb., 35c.

PRIZE CHAMPION GLOBE. A large globular orange colored variety of the Mangel that is even a better keeper than the Long Red. It produces fine crops upon shallow soil, which, added to its remarkably fine feeding qualities, makes it the most desirable globe variety we have tested. Oz., 5c; Oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c.

YELLOW GLOBE. Very productive and a good keeper; preferred to the long varieties on shallow soil. Pkt., 3c; oz., 5c; $\frac{1}{4}$ lb., 15c; lb., 35c.



GOLDEN TANKARD.

BORECOLE or KALE.

Winterkohl, GER. Breton, SP. Chou vert, FR.

1 oz. to 2,000 plants.

A member of the Cabbage Family. Seeds may be sown in a moderate rich soil, in an exposed situation, in April or May. In transplanting treat the plants like young cabbages. The central leaves are used as spinach, and are much improved by frost.

DWARF GERMAN GREENS OR SPROUTS. Hardy at the North. Excellent for garnishing and desirable for greens. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

GREEN CURLED SCOTCH. About two feet high, and bears green curled leaves. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

BROCCOLI.

Spargelkohl, GR. Brocoli, SP. Chou Brocoli, FR.

1 oz. to 2,000 plants.

Taller and more hardy than Cauliflower, but otherwise very similar to that delicious vegetable. Culture and use are identical with that of Cauliflower.

EARLY PURPLE CAPE. Heads large, compact, of a violet or purple color, and of excellent quality. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.25

WHITE CAPE. Most certain to head. Differs from the preceding only in color, having a creamy white tint. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.25

CABBAGE. Heads large, firm and white. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., 60c.

BRUSSELS SPROUTS.

Rosenkohl, GER. Breton de Bruselas, SP. Chou Bruxelles, FR.

These plants grow from two to three feet high, and produce upon the sides of the stems numerous small heads resembling small cabbages. Culture and use identical with that of winter cabbage.

FINEST IMPORTED. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c.

CABBAGE.

Kopffohl, Ger Col repollo, Sp Chou Pomme Fr

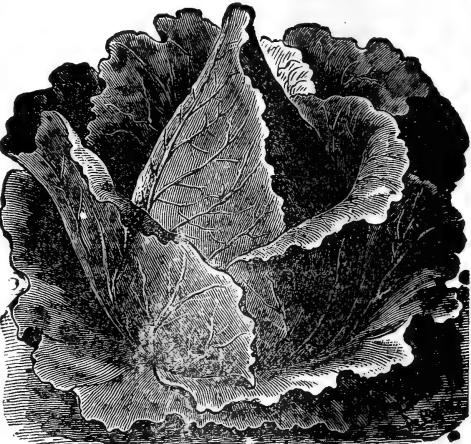
1 oz. will produce 1,500 plants; $\frac{1}{2}$ lb. to transplant for an acre

There is no vegetable which more plainly shows the difference in character and quality of seeds than the cabbage and only the choicest seeds obtainable are worthy to be used.

Our Cabbage Seed, grown under the care of practical, painstaking and reliable men: in localities, where experience and thorough tests have proved the climate and soil to be the best adapted to their production in highest perfection; from fully developed, perfect heads, carefully cured and stored until time of planting; thoroughly tested as to vitality; our seed can but give satisfaction, and we unhesitatingly recommend it for use of market or private gardener

This forms one of the main crops of every garden, and depends for entire success, not only upon the character and quality of the seed used, but equally as much upon a judicious selection of soil, supplemented by generous, intelligent cultivation and care throughout. A rich, deep loamy soil is infinitely preferable. A mixture of ashes and salt may be advantageously applied about the plants from time to time when cultivating or may be thoroughly mixed in the hill at time of transplanting; this not only promoting growth, but forming an excellent protection against the attacks of the maggot

In latitudes, where the winters are mild, for early spring use the seed may be sown late in the fall, one month after seeding transplant into cold frames for wintering. They will be ready for setting out as soon as the ground can be worked in the spring. For early summer use sow in hot-bed in February or March; before transplanting to the open ground they should be hardened off by exposing them gradually to the night air. For winter use sow in opened ground in May or June—taking care in either case not to let the plants stand too closely, as this makes them "spindling." When five or six inches high, transplant in rows two feet apart one way, and 12 to 18 inches the other, according to variety, burying to the first leaf whatever the stem length. Hoe every week, drawing the earth up about the plants until they begin to head, then give thorough and final cultivation and leave to mature. To preserve for winter use, pull when dry as possible and invert the heads to drain for a few hours before burying



EARLY WINNINGSTADT.

New Extra Early Express.

Remarkable for its extreme earliness, maturing in from 80 to 85 days after sowing of seeds. Produces a small, solid, compact head of conical form of a yellowish green color. It has few outer leaves, therefore may be planted very close and yields a large crop. Especially desirable for forcing or for early market sort. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

EARLY ETAMPES. Next to the Extra Early Express in earliness. The heads are medium sized, conical, dark green, very solid and firm and seldom fail to head. Not so pointed as the Jersey Wakefield, but in every way excellent and desirable. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.



FOTTLER'S BRUNSWICK.

EARLY WINNINGSTADT. An intermediate variety.

A sure header and a good shipper, proving excellent for general summer or winter use. Pkt., 3c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

ALLHEAD EARLY. The earliest of all large cabbages.

For description see page 3. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

EARLY YORK. Heads below average size, round-oval, deep green in color, compact, tender and well flavored. Its earliness, unfailing productiveness and good shipping qualities render it a great favorite. Pkt., 3c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

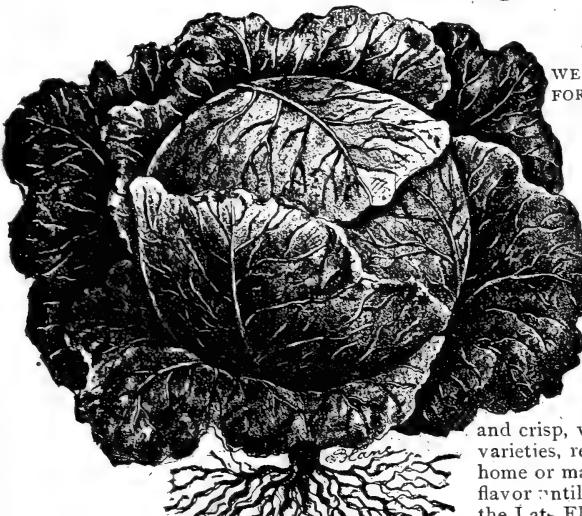
Selected Early Jersey Wakefield

A standard early variety of acknowledged excellence. Heads of medium size, conical and compact. Its uncommonly fine heading properties together with its fitness for wintering in cold frames, have secured and retained for it the high esteem of gardeners generally. Ours is a superior strain and one that receives the unqualified endorsement of all who have used it. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

FOTTLER'S EARLY DRUMHEAD OR BRUNSWICK SHORT STEM. A second early bearing large, flat, very solid heads. A sure header and a good shipper. Our strain of this most excellent variety is unsurpassed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

HENDERSON'S EARLY SUMMER. Heads large, flat, compact; admirable keepers. About ten days later than the Wakefield, and about double its size. We unhesitatingly pronounce it one of the finest of the large heading early sorts. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

EARLY DWARF FLAT DUTCH. A second early, and well known standard sort, having medium sized, rounded, solid heads. Pkt., 3c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

Cabbage.—Continued.

CHICAGO MARKET GARDEN

LUXEMBURG.

Well known by Chicago market gardeners for its excellent keeping qualities. When buried for the winter it retains its bright green color until late in the spring to a remarkable degree, and gardeners invariably realize extra prices for this variety. Heads of good size, remarkably hard and heavy. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

DANISH BALLHEAD WINTER.

This variety produces a head of good marketable size, nearly round, of choice, edible and superior keeping qualities. From our market garden customers who have tried it, we have high testimonials of its merits as a desirable variety for late winter cabbage. It is from Denmark, where for over 50 years it has been carefully selected and perfected as the choicest strain produced in that flourishing home of the cabbage family. It is worthy of a trial by any one desiring a superior winter cabbage. Pkt., 10c; oz., 40c.; $\frac{1}{4}$ lb., \$1.00; lb., \$4.00.

BRIDGEPORT DRUMHEAD. This excellent and exceedingly popular sort about Chicago is noted for its solidity of head, large size, and the fact that it is not inclined to burst or rot. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.50.

GERMAN FILDERKRAUT. Much esteemed for general family use, and for making kraut. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

STEIN'S FLAT DUTCH.

A remarkable fine strain and sure header, the heads weighing from 10 to 12 pounds. It makes a large, even, firm, round head, seldomrots or bursts, and is unquestionably one of the finest shipping cabbages grown. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

HOLLAND CABBAGE

This variety of Cabbage has appeared on our markets the past few years late in the season, and because of its fine appearance, perfect condition, and great solidity, has sold at higher prices than American sorts. The heads are of medium size and handsome appearance; of a distinct, fine white color.

The superior merit of this variety is its hard heading and long keeping quality. If properly stored, in the usual way, they will be found as solid and perfect when taken up in the spring as when put away in the fall. Pkt., 10c, oz., 30c; $\frac{1}{4}$ lb., 80c. lb., \$3.00

CHICAGO MARKET GARDEN.

THERE ARE MANY VALUABLE STRAINS OF CABBAGE, BUT WE HAVE YET TO FIND ONE MORE THOROUGHLY ADAPTED FOR GENERAL CULTURE, OR ONE THAT COMBINES MORE GOOD QUALITIES, THAN OUR CHICAGO MARKET GARDEN CABBAGE.

If planted early it develops fine, large, edible heads, but one week later than the Wakefield, while a late sowing insures in due time a crop of the finest winter cabbages possible to be conceived of. For "wintering over" sowing should be made about two weeks later than the early sorts, when handsome, solid heads, free from early cracking, will be the result. We recommend this for size and solidity of head, as well as for perfect keeping qualities. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.50.

SELECTED LATE FLAT DUTCH.

Heads large, round, flat, solid, opening up white and crisp, very tender and of excellent flavor. Largest of the late varieties, remarkably hardy, a sure header, and for fall and winter, home or market use, has no superior, as it retains its freshness and flavor until late in the spring. This is a highly improved strain of the Late Flat Dutch, and is of superior quality—both as regards purity and vitality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

VANDERGAW. This new variety wins many praises wherever tried. It heads about the same time as the well-known Early Summer, but much larger and very solid. It keeps remarkably well, and if planted late makes a superior winter cabbage. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50

SUCCESSION. Of recent introduction, and one week later than the Early Summer, but is double size, in growth remarkably uniform. Its earliness, sure heading qualities place it among the most sure sorts either for private or market purposes. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

SUREHEAD. Large, round, fine heads. An unexcelled variety for main crop, remarkable for its certainty to head. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

ALL SEASONS. Fully as early as the early summer varieties, and produce solid, compact heads of large size. Very popular wherever tried, being equally good for a late cabbage. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

PREMIUM LARGE LATE DRUMHEAD. Head enormous. Very hardy and desirable fall and winter variety; also a good shipper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.



HOLLAND CABBAGE.

Cabbage.—Continued.

STONE MASON MARBLEHEAD. Exceedingly hardy. A sure header and a profitable variety for market purposes. Pkt., 3c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

MARBLEHEAD MAMMOTH DRUMHEAD. The largest cabbage on record, requiring to be planted four feet apart each way. Of fine quality. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

SAVOY VARIETIES.

Highly recommended for their superior table qualities.

EARLY DWARF ULM SAVOY. Heads medium size, round and solid. Leaves deep green and finely wrinkled. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

IMPROVED AMERICAN DRUMHEAD SAVOY. The leading Savoy for general home and market use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

GREEN GLOBE SAVOY. Heads loose, but very tender and finely flavored. A hardy second early variety, much improved by frost. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

RED LEAVED VARIETIES.

MAMMOTH RED ROCK.

This is the finest of all the red varieties; the heads are as large as the Early Summer, and as dark and solid as any of the smaller varieties. Heads of this have been produced which weigh fifteen pounds. This is by far the best red cabbage in existence. *Many successful market gardeners choose this for their entire crop of red cabbage, pronouncing it the best of all.* Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

EARLIEST BLOOD RED ERFURT. Early valuable pickling variety. Pkt., 3c; oz., 20c; $\frac{1}{4}$ lb., 5c; lb., \$1.75.

RED DUTCH. Heads large, round and solid; excellent for salad or pickling. A sure header and a good shipper Pkt., 3c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35.

RED DRUMHEAD. The standard German red cabbage. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

CAULIFLOWER.

Blumen Kohl, GER Coliflor, SP. Choufleur, FR

1 oz. for 1,000 plants.

This most delicate and delightful vegetable, like the cabbage, requires an exceedingly rich soil cultivated deeply, and fertilized thoroughly with well rotted compost.

For spring and summer crops, fall sowings may be wintered over in cold frames, or seed of early varieties may be sown in hot-beds in February (as for early cabbages), transplanting in either case to open ground in April or May, according to climate and season, cultivating thoroughly thereafter as for cabbages. For late autumn crops, sow varieties about the middle of April, transplanting and treating thereafter as winter cabbages.

Neither the early nor the late varieties should at any time be allowed to suffer for water. When the heads begin to form thoroughly soak with water two or three times a week, this being far better than to give a little water each day. Fasten the leaves loosely over the forming heads to aid in blanching, and cut for use before the solid head begins to separate to run to seed. *The seed we offer is from the most reliable European growers, none better is obtainable.*

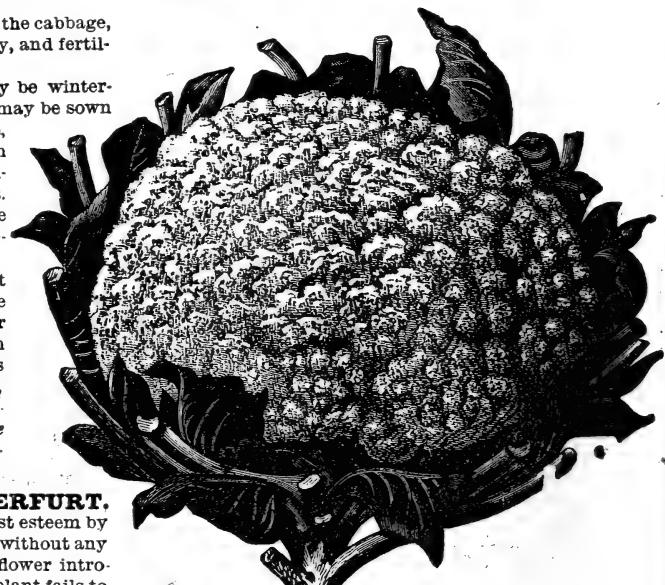
SELECTED EARLIEST DWARF ERFURT.

A variety deservedly held in the very highest esteem by its German originators and admirers. It is without any exception whatever, the very earliest Cauliflower introduced up to the present day, while rarely a plant fails to produce a firm, close, symmetrical head of snowy whiteness, incomparable tenderness, and most delicate and delightful flavor. The outside leaves are quite small, thus admitting of close planting, i. e., about 20 inches apart. *Our gardener friends call it the best strain out.* Pkt., 25c.; $\frac{1}{4}$ oz., \$1.75; oz., \$2.75.

EARLY ERFURT. A leading standard variety of excellent quality. Pkt., 10c; oz., \$1.25; $\frac{1}{4}$ lb., \$3.00.

HENDERSON'S EARLY SNOWBALL. One of the earliest and surest heading varieties in cultivation; a remarkably popular variety. Our stocks are the best obtainable. Pkt., 25c.; $\frac{1}{4}$ oz., \$1.00; oz., \$4.00.

EARLY LONDON. A hardy standard variety for early crop. Pkt., 3c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.



SELECTED EARLIEST DWARF ERFURT

EXTRA EARLY PARIS. Head of good size, white and compact Early and desirable. Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$2.00.

ALGIERS. Large late variety of fine quality. Very popular with market gardeners of all sections. Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$2.00.

LE NORMAND SHORT STEM. Head solid and creamy white. A long standing variety of great merit. Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$2.00.

VEITCH'S AUTUMN GIANT. A late variety, vigorous habit. Large, handsome white heads, well protected by foliage. Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$2.10.

DANDELION.

Loewenjahn, GER. Amarong, SP. Pissenlit, FR.

The dandelion, so well known as "greens," is found highly profitable by gardeners. Sow in open ground, in May or June, in drills 1 foot apart; thin to 3-inches, and cultivate during the season. The following spring the plants are ready for use.

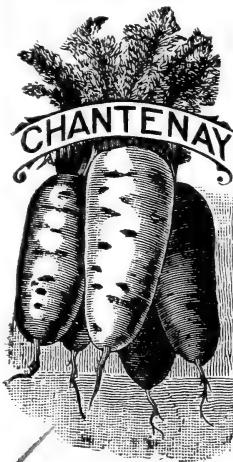
IMPROVED BROAD-LEAVED. The best variety for general use. Pkt., 10c; oz., 40c.

CARROT.

Möhren, GER. Zanahoria, SP. Carotte, FR.
1 oz. 100 ft., drill; 3 lbs. per acre.

For early crops sow as soon as ground can be worked, in drills one inch deep and one foot apart (3 feet for field culture), from middle of May until first of July, thinning four to eight inches according to varieties. Keep your plants well cultivated. Under favorable conditions 600 bushels per acre is a fair crop.

The Carrot being enormously productive and of superior nutritive quality, is a desirable and profitable crop to grow for stock feed. We recommend to our farmer friends the Long Orange and the White Belgian variety as especially adapted for this purpose.



NEW CHANTENAY. This new, half-long carrot is one of the heaviest croppers grown. Of beautiful orange color, very smooth, has large shoulder and is easily harvested. For table use one of the finest of all. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1b., 60c.

EARLY FRENCH FORCING. Root nearly round. The leading carrot for forcing or for early market. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1b., 90c.

EARLY SCARLET SHORT HORN. Early and excellent, either for forcing or for open ground culture. Deep orange color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1b., 60c.

GUERANDE, OR OX HEART. Its quality recommends it for table use, while its size renders it highly profitable for stock feeding. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1b., 60c.

RUBICON HALF LONG. A splendid carrot of recent introduction, that has won many friends through its *earliness, fine flavor, and handsome dark orange color*. The Rubicon is a splendid carrot for growing under glass, and equally valuable for outdoor culture. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1b., \$1.00.

SAINTE VALLERY, OR NEW INTERMEDIATE RED. A very popular variety from France, of rich, deep orange color, uniformly large size and handsome form, intermediate in shape between the Half-Long and Long Orange. Excellent for garden or field culture. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1b., 60c.

CARLET INTERMEDIATE. Resembles Danvers somewhat, but is more tapering and of almost scarlet color. An excellent late and very productive carrot. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1b., 60c.

HALF-LONG SCARLET CARENTON. (Coreless.) An early variety of most exquisite form and quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1b., 60c.

WHITE BELGIAN. Very productive and most desirable for stock feeding. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; 1b., 40c.

LARGE WHITE VOSGES. A field carrot especially adapted for shallow soils. Of excellent quality and a good keeper. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1b., 60c.

RUBICON HALF LONG.

IMPROVED LONG ORANGE.

CHANTENAY.

DANVERS HALF LONG.

EARLY HALF-LONG SCARLET NANTES.

DANVERS HALF LONG.

EARLY HALF-LONG SCARLET NANTES.

IMPROVED LONG ORANGE.

OX HEART CARROT.

RUBICON HALF LONG.

SAINTE VALLERY, OR NEW INTERMEDIATE RED.

CARLET INTERMEDIATE.

HALF-LONG SCARLET CARENTON.

WHITE BELGIAN.

LARGE WHITE VOSGES.

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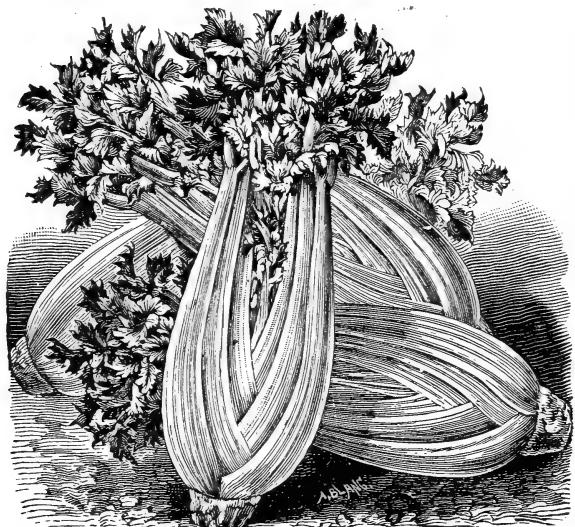
CELERY.

Sellerie, GER. Apio, SP. Celeri, FR.

1 oz. to 2,000 seeds. For prices on Celery Plants, see Vegetable Plant List.

Celery delights and thrives best in a muck land, but can be grown in any good garden soil, with proper cultivation. However rich and "mucky" the land may be, it is positively essential to good crops that it be annually fertilized with about two inches of well-rotted stable manure, carefully plowed under. Ample moisture must also be provided for.

Sow the seed in the open ground in April, or as soon as ground can be worked, for general crop; for early fall crop in hot-beds or house, in February or March. Prepare the soil well, and sow in drills a quarter inch deep and about ten inches apart, taking care to firmly press the soil over the seed.



HARTWELL'S PERFECTION

plants. Dirt should be drawn around the tile to hold it firm. By this method the stalks will be found handsomely blanched, white, crisp and tender.

GIANT PASCAL. A selection from the famous Golden Self Blanching. For description see page 9. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1lb., \$1.75.

HARTWELL'S PERFECTION. A standard sort and one of the very best of the white varieties. The stalks are of good size, vigorous growth, very solid and never hollow; crisp, tender and of exceedingly fine nutty flavor. Some of our largest growers, who have tried other sorts extensively choose the "Perfection," for the main crop, as there is no other strain which equals it for storing, and few which approach it in quality and beauty. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1lb., \$1.75.

EARLY ARLINGTON. It is a selection from the improved Boston Market Celery. Its superior merit is that it comes in quite three weeks earlier, is of larger growth, more vigorous habit and bleaches easily and more quickly. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c, 1lb., \$2.00.

CRAWFORD'S HALF DWARF. (HENDERSON'S HALF DWARF.) A vigorous, solid, creamy white, very ornamental variety, possessed of a rich, nutty flavor. Surpasses most of the large growing sorts in weight of bunch when grown under the same circumstances. A favorite with market gardeners. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1lb., \$2.00.

KALAMAZOO BROAD RIBBED. It is very distinct and handsome, of a cream white color throughout, attains a very large size, of quick growth, stiff and close habit (as shown in the illustration), is remarkably solid, crisp eating and fine flavored. Ribs are very broad, thickly and closely set, while by reason of its neat growth and showy appearance, it is a specially valuable variety for market. It is also a first-class keeper, remaining fit for use as long as the Golden Dwarf and other good keeping sorts. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 60c. 1lb., \$2.00.

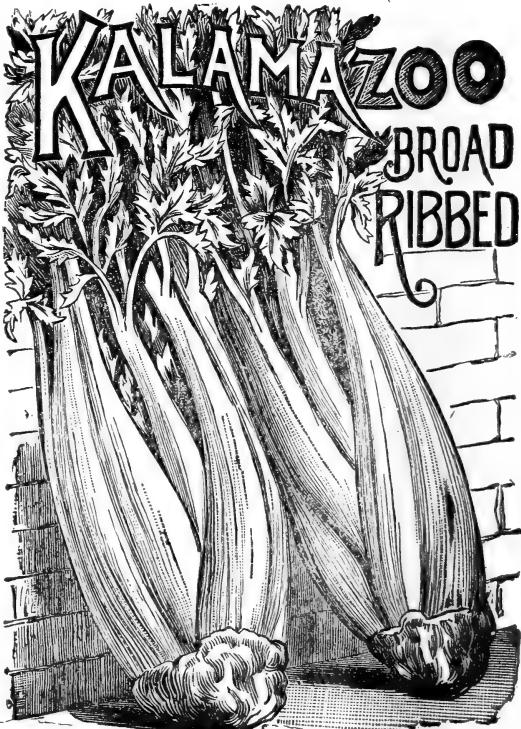
When about two inches high, after careful hardening, thin and transplant to two inches apart each way. Later dig broad trenches 4 feet apart and 4 to 6 inches deep, or they may be set on level ground, and when large enough, trim off the tops (to render stocky) and enough of the roots to admit of straight planting, and set in the trenches 6 inches apart, covering to the crown only.

Thickness, rather than length of stalk, indicates the proper time for transplanting; the increase being mainly in height after that process is begun. Close the stalks carefully, and draw the earth about one-third the height of the plant and firm it, taking care that none falls in upon the heart. Repeat the process every few days thereafter until the leaves are reached. When weather is warm enough to cause rusting of the stalks in banking, boards may be used for blanching purposes. Always use a cloudy day for transplanting, but never work among plants when wet.

To store for winter, select thoroughly drained ground and dig trenches one foot wide and as deep as the celery is high. Into this set the celery, lifted roots and all, in an upright position; set closely, but do not crowd. When severe cold weather comes, cover with leaves, hay, or straw. Place boards on the top to keep out the moisture. Or for more convenient use it may be put away in a tight, dry cellar, covering all but the tops with sand.

Tile blanching is a favorite method for early use. A section of ordinary three-inch tile is used to cover the

celery, lifted roots and all, in an upright position; set closely, but do not crowd. When severe cold weather comes, cover with leaves, hay, or straw. Place boards on the top to keep out the moisture. Or for more convenient use it may be put away in a tight, dry cellar, covering all but the tops with sand.



Celery.—Continued.

DWARF GOLDEN HEART. A distinct, rare and decidedly ornamental type; when blanched being an exquisite golden yellow Habit similar to the Half Dwarf White sorts. A fine wintering variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

BOSTON MARKET. A medium sized, hardy crisp and delightfully flavored white variety. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.

PARIS GOLDEN SELF-BLANCHING. A French variety which, though but recently introduced, has become a general favorite on account of its extreme ease of culture, its crisp texture and fine flavor, and its exceedingly beautiful appearance. No banking or blanching whatever is required, but, as the name implies, the large golden heart is self blanched—even the outer stalks becoming a delicate creamy white. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

SANDRINGHAM DWARF WHITE. An excellent variety, having fine flavor and general good qualities. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

WHITE PLUME. The peculiarity of this leading variety is that the inner leaves and heart are naturally white, so that by closing the stalks, either by tying or by drawing the soil close about the plant and "firming" it, the blanching is completed. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

GIANT WHITE SOLID. The best large variety. Fine for market as well as family garden. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.

NEW ROSE. We offer this as the choicest of the red varieties, and one calculated to win the favor of all. It is harder, more solid, better winter keeper, more crisp, and of better flavor than the white or yellow sorts. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.25.

GIANT GOLDEN HEART. A fine selection from the Dwarf Golden Heart; large size, beautiful color, crisp and deliciously flavored. One of the best celeries for market, and also desirable for home use. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

SOUP CELERY. For flavoring $\frac{1}{4}$ lb., 10c; lb., 25c.

CELESTINE FERTILIZER, 50 pounds, \$1.25; 100 pounds, \$2.00; 200 pounds, \$3.50.
SPECIAL PRICES ON TON LOTS.

CELERIAC.

(OR TURNIP-ROOTED CELERY.)

Knollen Sellerie, GER. Celeri-rave, FR. A pio nabo, SP

A turnip-shaped, tender, marrow-like variety, possessed of more pungent taste and odor than the common sorts. Keeps well, and is principally used for flavoring meats and soups.

EXTRA LARGE ERFURT. Much prized by German gardeners. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

APPLE SHAPED. A new and improved sort, that keeps admirably. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.



CELERIAC.



UPLAND CRESS.

Cress, or Peppergrass.

Kresse, GER. Mastuerzo, SP. Cresson, FR.

Sow thickly in shallow drills in moist soil, covering very slightly, every two weeks for a succession. It is a hardy perennial, stays green nearly the whole year, and is ready for use before any other salad in the spring. Best when cut quite young.

UPLAND CRESS. A valuable acquisition of quite recent introduction: one which forms a very available substitute for the highly prized Water Cress. Pkt., 10c

DOUBLE CURLED. For salad or garnishing. May be cut two or three times. Pkt., 8c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

WATER CRESS. (*Nasturtium Officinale*. Brunnen Kresse, GER.) Grows rapidly in moist places; better in shallow, clear running streams. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

CHICORY.

Kaffee-wurzel, GER.

Sow $\frac{1}{2}$ inch deep in drills of one foot apart and cultivate like carrots. 1 oz. for 100 ft. drill.

LARGE RED MAGDEBURG. The dried roots are used for mixture with coffee, or as a substitute. The young leaves make excellent greens, and are preferred by some even to the Dandelion. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 80c.

CORN SALAD, or FETTICUS.

Kefersalat, GER. Canonigos, SP. Mache, FR

1 oz. to 35 ft. row.

Seed may be sown in August or September, in shallow drills, and protected in cold sections by leaves or straw during the winter; thus grown, it furnishes an early spring supply of nice salad. Sown in spring, it grows rapidly and is soon ready for the pot. Cultivate the same as Lettuce, thinning to 3 or 4 inches apart. Serve as Spinach.

LARGE SEED. Selected from best plants. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 65c.

CORN, SWEET OR SUGAR.

Mais, FR. Welschkorn, GER. Maiz, SP.

One quart for 200 hills. One peck for one acre in hills.

All varieties may either be sown in rows $3\frac{1}{2}$ feet apart, placing the kernels one foot apart in the row, or planted in hills at a distance of 3 to 4 feet each way. The richer the soil and the taller the variety, the greater should be the distance between the hills. The first planting may be made about May 15th. For succession, plant every two weeks until August.

EXTRA EARLY VERMONT.

Another year's trial fully convinces us that in this superior corn we find the *market man's money maker*. It is ready for market from 8 to 10 days ahead of the Cory, having a pure white cob six or eight inches long, well filled to the tip with eight rows of pure white kernels. We unhesitatingly give it first place in our list. Pkt., 7c.; pt., 30c.; qt., 45c.; pk., \$1.25; bu., \$4.00.

EARLY WHITE CORY. An improved strain obtained by selections from the original Cory to secure white cob and kernels. A good one for home use. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 70c.; bu., \$2.25.

EARLY RED CORY. Its extreme earliness and size of ear combined make it one of the best for market. Fully a week earlier than Minnesota, sweet and juicy. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., \$2.25.

CHAMPION. Of all the Early sweet Corns this is the *largest*. Comes but a few days later than the small eared sorts. A favorite with market gardeners. The ears are medium size; fine appearance; kernels tender and sweet; cob white. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., \$2.50.

EARLY MINNESOTA. An excellent market variety, coming on a trifle later than the preceding. Pkt., 5c.; pt., 20c.; qt., 80c.; pk., 65c.; bu., \$2.25.

CHICAGO MARKET. A remarkably early 12-rowed variety, considered by some the *largest and best* sweet corn in existence. It ripens with the extra early varieties; it is *well formed, pure white*, and has *superior table qualities*. A vigorous grower, yielding two or three ears on a stalk. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., \$2.25.

EXTRA EARLY ADAMS. This is really a field corn, but a very tender variety for table use. It can be planted earlier than any Sweet Corn. Ripens within sixty days. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 70c.; bu., \$2.25.

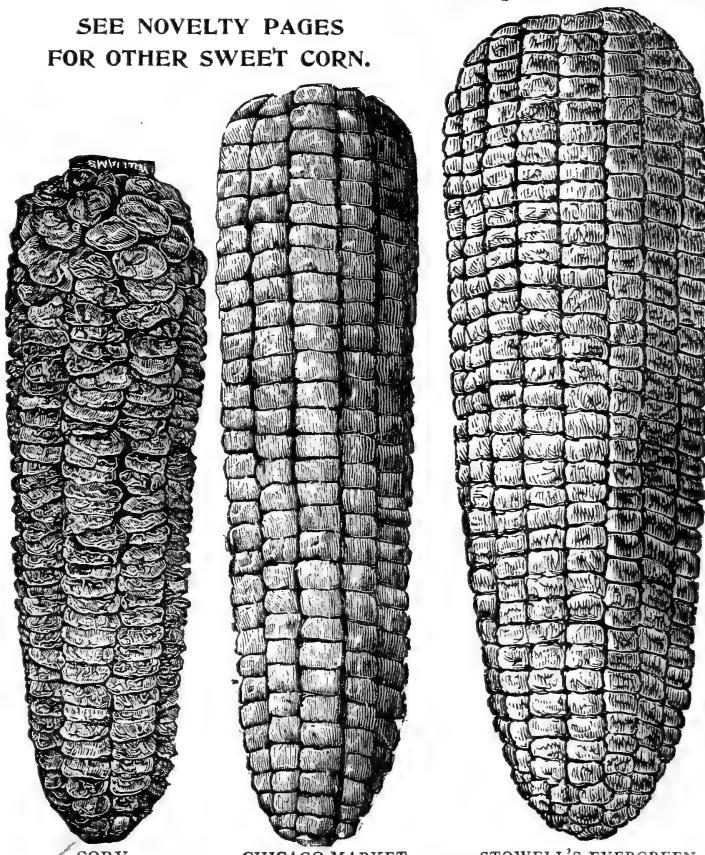
CROSBY'S EARLY SUGAR. Highly esteemed for canning purposes, also for table use. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., \$2.25.

MEDIUM EARLY VARIETIES.

COUNTRY GENTLEMAN. For private use this is without an equal. It excels all others in *rich flavor*, and is by far the most tender and delicious of Sweet Corns. Ears average ten inches in length, three to five to the stalk; kernels pure white; cobs small. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., \$2.25.

Please remember our prices on Sweet Corn by the pint and quart include prepayment of postage by us. Customers ordering Sweet Corn to be sent by freight or express can deduct 10c. per pint and 15c. per quart from these prices.

**SEE NOVELTY PAGES
FOR OTHER SWEET CORN.**



CORY. CHICAGO MARKET. STOWELL'S EVERGREEN.

MEDIUM EARLY VARIETIES.

PERRY'S HYBRID. Nearly as early as Early Minnesota and much larger. For the market gardener there is no better second early than this. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., \$2.25.

MOORE'S EARLY CONCORD. Ears large and well filled. Sweet and well flavored. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., \$2.25.

HICKOX. A very good second early, excellent for canning. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., \$2.25.

BLACK MEXICAN. But for its blue-black color this would be much more extensively grown. It is the *sweetest* corn in cultivation. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., \$2.50.

LATE OR MAIN CROP VARIETIES.

STOWELL'S EVERGREEN. The standard late sort both for home and market. Extensively used for canning purposes, and so well known as to require no further description. We sell probably a greater amount of this than all our other Sweet Corns combined, thus proving it is of far more than ordinary value. If planted for succession will keep the table supplied until October. Pkt., 5c.; pt., 15c.; qt., 25c.; pk., 50c.; bu., \$2.00

Egyptian or Washington Market. The ears are large and sweet. *Matures very late*, and is much grown for market and canning. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., \$2.25.

MAMMOTH SWEET. A late very productive variety. The ears of very large size, handsome appearance and fine flavor. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., \$2.25.

**Sweet Corn for Fodder.
Field and Pop Corn.**

{ See "FARM SEEDS." We will make special prices on Fodder Corn. Write, stating how much you require.



CHICAGO PICKLE.



EVERBEARING.

CUCUMBER.

Gurken, GER. Pepino, SP. Conconbre, FR.

1 oz. for 50 hills; 3 lbs. per acre in hills.

The Cucumber is tender and should not be planted in the open ground until there is a prospect of warm weather, say about the middle of May. For very early use, sow in the house on overturned sods, or in small pots and at proper time transplant with the sods. For general use plant in hills about four feet apart each way. Sow thickly and when all danger from bugs is past thin out the plants, leaving but three or four to the hill. It is well to keep the fruits picked as soon as they attain sufficient size. Use Peroxide of Silicate or Slug Shot for the bugs.

COOL AND CRISP.

We find this the earliest of all pickling cucumbers. The shape is long, pointed at the ends, very dark green and covered with knobs on which the spines are set. Excellent for slicing, being tender and crisp. Pkt. 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.

WHITE WONDER. Fruit waxy white from first set until maturity; skin thin but tough, flesh solid and of fine flavor. Vine strong and vigorous. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 85c.

JAPANESE CLIMBING. Vines are extra strong and foliage much more vigorous than other kinds, and from its climbing habit can be grown on trellises, etc., saving valuable space. It is very prolific, 40 to 50 cucumbers having been counted on single plants. Flesh thick, firm and of fine flavor. Good for pickling or slicing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

ASTRO. A new forcing variety invaluable to the market gardener. Flesh white and very crisp. Grows about 18 inches long. Pkt. of 10 seeds, 10c.

Extra Early Green Prolific. Matures fully ten days earlier than the well-known Green Prolific. Market gardeners will find it very advantageous to plant this strain. Pkt., 8c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

SIBERIAN. Remarkable for its earliness. Cucumbers five inches long have been grown from seed in fifty-five days. Fruit straight and smooth; flesh tender and crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.

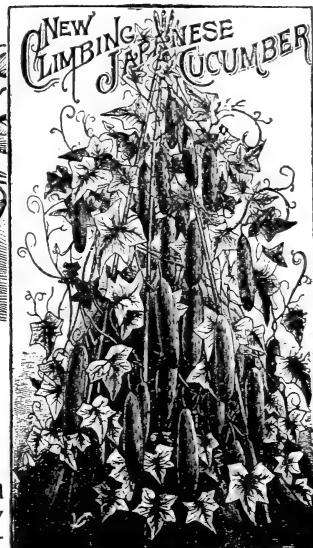
EARLY FRAME. An old and popular variety, bearing fruit of good size, straight and well formed. Desirable for pickles. Pkt., 8c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50.

EARLY GREEN CLUSTER. Hardy and vigorous, bearing fruit in clusters near the root. Desirable for table use. Pkt., 8c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

EARLY RUSSIAN. Its hardiness, extreme earliness and productiveness render it a favorite for early markets. Pkt., 8c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

PEERLESS WHITE SPINE. Vines healthy and luxuriant. Fruit of good size, straight and well-formed. Skin deep green, and spines white. Flesh white, crisp and of remarkably fine flavor, about ten days earlier than Improved White Spine. Pkt., 8c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

IMPROVED LONG GREEN. Long and crisp. Standard sort. Pkt., 8c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.



WESTFIELD CHICAGO PICKLE. Very extensively grown by Chicago market gardeners and largely used in our pickle factories. It is now recognized as the best pickling cucumber. The young fruits are short, crisp, coarsely prickled and of a deep green color which they retain after pickling. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

EVERBEARING. Very early and prolific. Fruit small and good for pickles. On one vine may be found fruit in every stage of growth. Continues to bloom and produce fruit until killed by frost. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.

IMPROVED WHITE SPINE. The well-known standard variety for table use, either sliced or in pickles. Pkt., 8c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

EVERGREEN WHITE SPINE. An excellent sort for family use. Fruit longer than Peerless; when about five inches long, makes a good pickle. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c;

BENNETT'S WHITE SPINE. This is one of the very best of the White Spined varieties, especially desirable for forcing under glass. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

NICHOL'S MEDIUM GREEN. Is considerably thicker than the White Spine, and longer; though not so long as the Long Green. In point of productiveness, shapeliness, uniformity of size, delicacy of flavor and crispness of texture, we venture the opinion that it has no equal. Pkt., 8c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

GREEN PROLIFIC. Immensely productive; considered one of the finest pickling varieties extant. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

BOSTON PICKLING. Largely cultivated by market gardeners, both as a table and as a choice pickling variety. Pkt., 8c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

WEST INDIA GHERKIN OR BURR. Grown exclusively for fancy pickles. Fruit oval and prickly-skinned. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

TELEGRAPH. A variety much in demand for growing in frames or forcing. Grow about 18 inches long, perfectly smooth, light greenish color. Pkt., 25 seeds 25c.

W.W. BARNARD & CO'S. TESTED SEEDS CHICAGO, ILL.

IF YOU ARE NOT ALREADY A CUSTOMER AND WANT TO HAVE THE BEST GARDEN THIS YEAR YOU HAVE EVER HAD, SEND US YOUR ORDER FOR SEEDS.



EGG PLANT—NEW YORK IMPROVED.

ENDIVE.

Endivien, GER. Endivia, SP. Chicoree, FR.
1 oz. will sow 150 ft. of drill.

A tender and delicious salad for fall and winter use. Comes in after lettuce is gone. Should be sown in June or July and when nearly grown, the tips are tied together to blanche the heart and remove the bitter taste.

GREEN CURLED. The hardiest variety, and the standard for fall and winter use, also bears extreme heat. A favorite for the market. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

French Moss Curled. A unique variety, somewhat resembling a tuft of moss. Very crisp, tender, of good flavor. Being less hardy than other sorts, it requires protection from cold. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

BROAD-LEAVED BATAVIAN. Forms large heads of broad thick leaves. Preferred for flavoring soups, and is also excellent blanched to form a salad for summer use. Pkt., 5c., oz., 15c.; ¼ lb., 45c.; lb., \$1.75.

CHIVES.

Chives belong to the Onion tribe. They are cultivated for their tops which are used for flavoring. The clumps we offer, planted in ordinary garden soil, soon increase so that the tops can be cut during the season as required. Clumps, 10c.; by mail or express prepaid, 25c.

HORSE RADISH.

This is not reproduced from seed, but by planting pieces of roots called "sets." These, planted small end down about two inches below the surface, will produce radish in one season. As it increases very rapidly, any out of the way location in the garden should be chosen. Small roots, doz., 25c.; 100, 75c.; by mail, postpaid. Write for special price in large quantities.

EGG PLANT.

The Egg plant is one of the most delicious vegetables known, yet it is not cultivated to the extent it would be, if its superior table qualities, when properly cooked, were better known. It will grow in almost any soil, but must be in a sheltered position and given good cultivation. The seeds start slowly. Should be sown, if possible, in a hot bed, if not in a warm light room in March and potted when two inches high. Plant in open ground about June 1. Carefully protect from intense sun, drought-weeds and potato bugs. Throughout its growth take every precaution to avoid chilling. Use Peroxide of Silicate or Slug Shot if you notice potato bugs on your egg plants.

NEW YORK IMPROVED ROUND PURPLE. We sell this in large quantities to market gardeners. It is a strain perfected by long selection with large, smooth, oval fruit. Skin deep purple, flesh white. *The best Egg plant in cultivation.* Pkt., 5c.; oz., 30c.; ¼ lb., \$1.00 lb., \$3.50

Black Pekin. Fruit large and nearly round. Skin smooth, black and glossy. *Very early, prolific and fine for market garden.* Pkt., 10c.; oz., 40c.; ¼ lb., \$1.25; lb., \$4.50.

EARLY LONG PURPLE. Early, productive and of easy culture. Fruit generally purple, but sometimes striped, 8 to 9 inches long. Recommended for northern latitudes. Pkt., 5c.; oz., 20c.; ¼ lb., 70c.; lb., \$2.50.

GARLIC.

Knoblauch, GER. Ajo, SP. Ail, FR.
1 lb. to 10 ft. drill.

A species of Onion, very pungent, much used in the south of Europe and valued for flavoring soups, stews, etc. Prepare the ground as for onions; plant in April or May in rows one foot apart, four inches in the row, and cover two inches deep. Crop matures in August; cultivate and harvest as onions. Bulbs, lb., 30c., postpaid. Write for special price in large quantity.

KALE.—See Borecole.

KOHL RABI.—Turnip Rooted Cabbage.

Blaetterfohl, GER. Col rabona, SP. Chou-rave, FR.

1 oz. to 2,000 plants.

Grown for its turnip-shaped bulb which should be used when young and tender. It contains the flavor of Cabbage and Turnip and when properly prepared is one of the most delicious of vegetables. Sow from June until July in drills. Cultivate like Turnips.

EARLY WHITE VIENNA. Early dwarf, bearing handsome white bulb, which is tender and excellent when young. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.

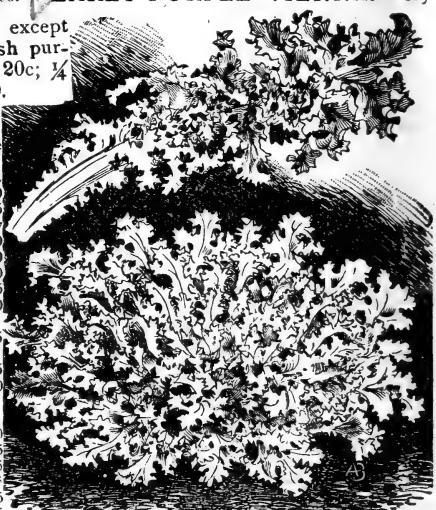
EARLY PURPLE VIENNA. Very

similar to above, except color which is bluish purple. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

HERBS.

Varieties with an * are perennials.

	Pkt. Oz.
Anise	3 10
*Balm	5 25
Borage	3 17
*Caraway	5 10
Coriander	5 10
Dill ... (lb. \$1.)	3 10
*Fennel	3 15
*Henbane	5 20
*Hop	3
*Horehound	5 35
Hyssop	5
*Lavender	5 25
Opium Poppy ..	5 30
*Pennyroyal ..	10
Pot Marigold ..	5
*Rosemary	5 50
*Rue	5 15
Saffron	5 15
Sage (lb. \$1.50)	5 15
Summer Savory ..	3 15
Sweet Marjoram ..	3 15
*Thyme (lb. \$3)	5 30
*Wormwood ..	5 20



ENDIVE—GREEN CURLED.

W.W. BARNARD & CO.

TESTED SEEDS

CHICAGO, ILL.

LETUCE.

GATTICA GER. Lechuga, SP Laitue, FR.

1 oz for 2000 plants.

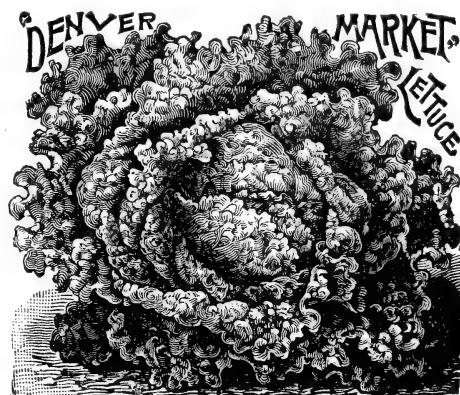
A hardy annual and a leading salad plant that will grow in almost any garden soil, but the higher the state of cultivation the larger and handsomer will be the heads, while the quicker and more vigorous the growth, the more tender and crisp will be their quality. Requires moisture in abundance.

If only the permanent bed is available, sow as early in March or April as the frost is out of the ground, in drills 14 inches apart, covering to the depth of $\frac{1}{4}$ inch only and thin to about the same distance apart in the row. In this way large fine heads may be produced. If desired to cut young, sow thickly in drills or broadcast. For succession, sow often during the season, choosing varieties which will endure the summer heat, and are slow to run to seed.

For forcing, sow broadcast in hot-bed every month, and when plants have gained two or three leaves thin to 4 inches apart, transferring the thinnings to another part of the bed. When about three inches high transplant the whole to the permanent hot-bed, about 14 inches apart each way. Water frequently and abundantly with liquid manure, and gradually increase the supply or air as plants increase in size.

Denver Market Lettuce.

An early variety of lead lettuce, either for forcing or open ground. It forms large, solid heads of a good light green color. The leaves are beautifully marked and blistered (like the savory cabbage) very crisp, tender and of excellent flavor. In shape the head resembles the "Hanson" but is more oblong. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.



Tilton's White Star.

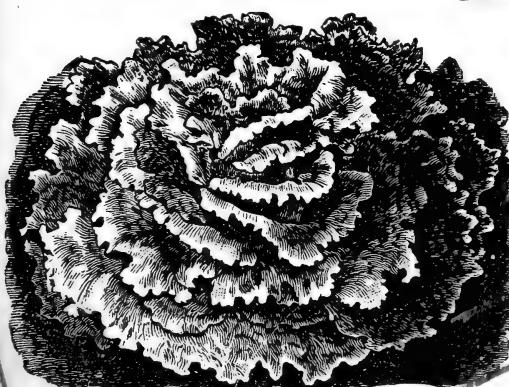
This very excellent new variety is a universal favorite with gardeners, for forcing or planting outdoors, on account of enormously large heads, bright color, crispness and long keeping qualities. It is superior for shipping; its thick green leaves retaining a fresh appearance longer than any other variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.

GRAND RAPIDS FORCING. See page 5 Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c;

TENNIS BALL; WHITE SEEDED; BOSTON MARKET. Very compactly formed of beautiful white crisp leaves. Most desirable for early forcing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.

The Deacon.

This is one of the dark-green thick-leaved sorts nearly all of which are of good quality. Head compact, roundish or a little flattened, when of full size in some plants measuring fully five inches in diameter. Outer leaves few in number which with the perfectly defined head, give the plant a very distinct appearance. Sure to head. One of the very best to withstand summer heat and slow to run to seed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.



Black Seeded Simpson.

This variety takes first rank with Chicago Market Gardeners and is by them esteemed one of the very best sorts for the frame or hot-house, as well as for early out-door planting. Does not produce a solid head but forms a compact bunch of leaves, thin, crisp and tender, much larger and lighter colored than the ordinary Simpson. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c; lb., 90c.

SIMPSON'S EARLY CURLED. Does not head but forms a dense mass of tender, dark-green curled leaves. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

TENNIS BALL; BLACK SEEDED. Close, hard, well-formed heads. Leaves green, thick, crisp and tender. One of the earliest, extremely hardy, and well adapted both to forcing and out door culture. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

HUBBARD'S MARKET. Heads of medium size. One of the earliest and very best standard varieties. Cur strain is gathered from selected heads. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

GOLDEN HEART. (New.) Heads large, solid, exceedingly handsome, and endure severe heat without wilting. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

YELLOW SEEDED BUTTER. Heads large, dense; endure summer heat admirably and are slow in running to seed. Leaves throughout are a beautiful golden color, tender, crisp and of excellent flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.

SALAMANDER. Heads large, compact, light-green with white center. Invaluable to market gardeners, because of its remaining a long time in head, and also on account of its resistance to both drought and heat. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

AMERICAN GATHERING. A decidedly ornamental variety having red-tipped leaves. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 25c; lb., 85c.

LARGE DRUMHEAD. Heads extremely large, tender and delicious. One of the leading summer sorts. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

PHILADELPHIA BUTTER. Heads hard, compact and bluish green. Very early and desirable for forcing or for early out-door planting. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

PARIS, OR GIANT WHITE COS. Tender, crisp, brittle, very hardy, and slow in running to seed. The leaves should be tied up to insure blanching. Pkt., 5c.; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.



Lettuce—Continued.

The Genesee Lettuce.

A decided acquisition among summer lettuces. It grows very rapidly, producing heads extremely early, and of extra quality. Remarkable for size and solidity of head; some plants attaining a diameter of 12", and a weight of nearly 4 pounds. Outer leaves are a vivid green of unusually clear shade, while the inner, of creamy white, are disposed about the center in a strikingly ornamental way. The leaves are tender and crisp of finest table quality, entirely free from bitterness. The chief characteristic, however, is its slowness to seed. We have allowed plants to stand for weeks beside dozens of other varieties, all remarkable for "slowness to seed," and not a flower stalk appeared until all the others were well ripened. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1b., \$1.00.

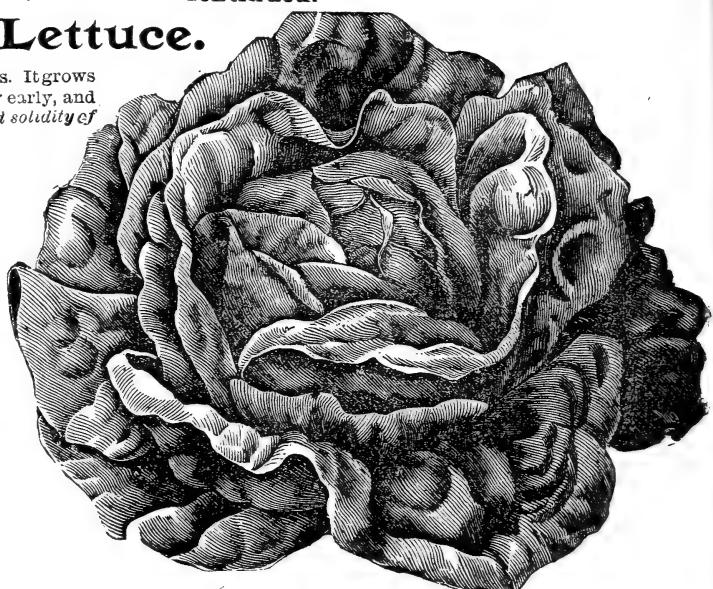
GREEN FRINGED. Surpasses all others in appearance; the inner portion of the leaves being white, edged with a beautifully fringed and crimped green border. Desirable for table ornamentation. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1b., 90c.

BOSTON CURLED. The large green, deeply curled leaves are closely bunched to resemble a tuft of moss. Very ornamental and of good flavor. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1b., 85c.

ALL THE YEAR ROUND. A hardy head lettuce. Leaves crisp and tender. Desirable both as a forcing and a summer variety. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1b., 85c.

FRANKFURT HEAD, BLACK SEDED. Described as being remarkably slow in running to seed. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 25c; 1b., 85c.

WHITE SUMMER CABBAGE Heads large, greenish white, compact and handsome, of extra quality, very tender, crisp, and of quick growth. A fine market variety for summer. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1b., 85c.



GENESEE LETTUCE.

HANSON. Heads handsome, solid and tender and of excellent quality. Outside leaves green, white within. Recommended for out-door culture. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1b., 85c.

EARLY PRIZE HEAD. A mammoth variety keeping even the outer leaves crisp, tender and of delightful flavor throughout the entire season. Very hardy and slow to seed. Pkt., 5c; oz., 1c; $\frac{1}{4}$ lb., 25c; 1b., 85c.

MIXED VARIETIES. Early, medium and late sorts mixed in one packet, giving lettuce for the table throughout the whole season. Pkt., 10c.

—MUSK MELON, or CANTELLOUPE.—

Melone, GER. Melon, FR.

1 oz. to 60 hills; 2 to 3 lbs. per acre in hills.

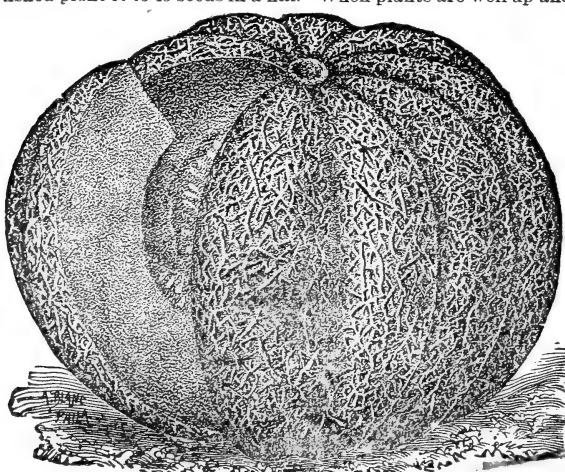
Musk melons thrive best in a warm, rich, mellow, sandy loam. After thorough spading or plowing, make hills 6 feet apart each way and mix with the soil of each two shovelfuls of well-rotted compost. The hills should be 18 inches in diameter, 15 inches in depth, and raised about 3 inches above the surface o' the land. As soon as warm weather becomes established plant 12 to 15 seeds in a hill. When plants are well up and all danger from bugs has passed, thin gradually, leaving

finally 2 or 3 of the stockiest vines to the hill. Should the growth prove too luxuriant, pinch off the end of the vines when about 3 feet in length. Should the fruit set too thickly, thin when young, in order to increase the size and quality of the remaining melons. This also hastens ripening.

Ashes or lime is excellent to sift over the young plants to prevent the attack of insects. (Use Peroxide Silicate or Slug Shot to kill them.)

MONTREAL MARKET. A prolific Nutmeg variety, largely grown for the Montreal market, where it is held in deservedly high esteem. Very nearly round, flattened at both ends, and deeply ribbed. Rind is green and netted. Flesh green, very thick and of exceptionally fine flavor. Melons grown under glass—the common method pursued with them—attain a weight of 20 pounds and upwards. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; 1b., 75c.

PERFECTION or PRINCESS. Vines vigorous. Fruit of large size, flattened, lobed and netted. Flesh green. Fine either for home use or market. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; 1b., 75c.



MONTREAL MARKET.

MUSK MELON, OR CANTALOUP.—Continued.

NEW CHAMPION. This new variety possesses many good points: earliness, uniform growth, fair size, weighing 4 to 5 pounds; handsome in appearance, and excellent shipping qualities. The flesh is thick, light green, rich and sweet. Our stocks are genuine, and we recommend it for family or market garden. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 75c.

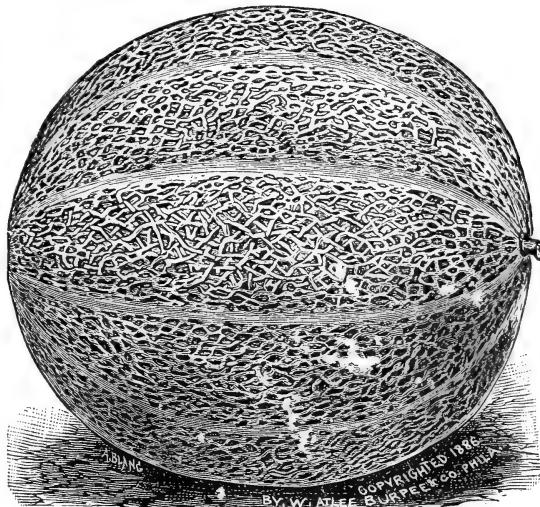
EMERALD GEM. Orange flesh. Without doubt the most delicious table melon extant. The luscious flavor and melting flesh of this melon is without an equal. The vine is prolific, extra early; melons rather small but of a desirable table size. It cannot be shipped successfully. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 75c.

SUTTON'S GREEN CITRON. A well-known standard variety. Flesh green, sweet, juicy and delicious. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 75c.

IMPROVED LONG GREEN NUTMEG. Fruit of good size and nearly round. Flesh greenish yellow and of delicate flavor. Very early. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 75c.

SURPRISE. An early and very prolific variety, bearing good sized melons of first quality. Flesh thick, salmon-colored and of exquisite flavor. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 75c.

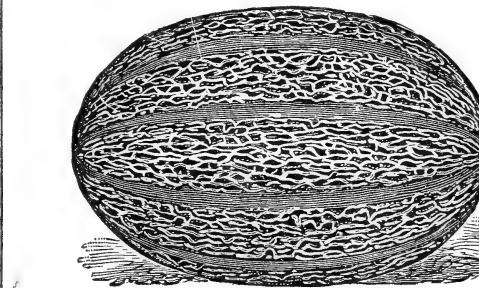
EXTRA EARLY HACKENSACK. Fast becoming the most popular variety with market gardeners. Fruit large, round and netted. Flesh green and deliciously flavored. Very productive indeed and a good shipper. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 70c.



NEW CHAMPION MARKET

JENNY LIND. An early and desirable market sort, of excellent flavor. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 70c.

BALTIMORE MARKET. Flesh green, very thick and remarkably sweet and juicy. A fine shipper and a prominent hotel and restaurant melon for the leading markets. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 70c.



BALTIMORE MARKET.

NETTED GEM. One of the earliest, most productive and finest *small* melons grown. Fruit globular in form, uniform in size and weight—ranging under 2 pounds—and keeps finely for nearly a week after plucking. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 75c.

CHICAGO MARKET. This exceedingly valuable variety, originated, as a result of careful selection, with one of Chicago's most successful market gardeners and melon growers. It matures early, ripens evenly, and is of uniform size. The fruit is large, nearly round in form, and flattened at the ends. Flesh thick and of most delightful flavor. It is a green fleshed variety, and in good demand among the Chicago hotels. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 75c.

BANANA. An entirely distinct variety, bearing long slender, banana-like fruit; skin creamy white and entirely free from netting; flesh deep salmon color, thick and of good quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

LARGE YELLOW. Flesh reddish orange, sweet and of good quality. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 70c.



IMPROVED CHRISTIANA.

CHRISTIANA. Especially to be recommended because of its extreme earliness, being of the quickest growth of any on record. Flesh yellow, sweet, juicy, and of good quality. It is best just as it falls from the vines, hence adapted particularly to the family garden. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 70c.

OSAGE MELON, or MILLER'S CREAM. Styled the Queen of Melons. This novelty but recently introduced is most highly prized about Chicago, and is fast becoming the most popular variety in nearly all the hotels and restaurants. Skin dark-green, slightly netted, medium sized and egg-shaped. The flesh is of a rich salmon-color very sweet and melting in quality, and is so thick that the melon is almost solid, the seed cavity being remarkably small. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.

BAY VIEW. Fruit very large and handsome, attaining under ordinary cultivation a length of 18 inches, and a weight of 12 to 15 pounds. Flesh green, thick, sweet, and juicy. Very hardy and prolific. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 70c.

SKILLMAN'S FINE NETTED. A small, very early standard melon of recognized merit. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 70c.

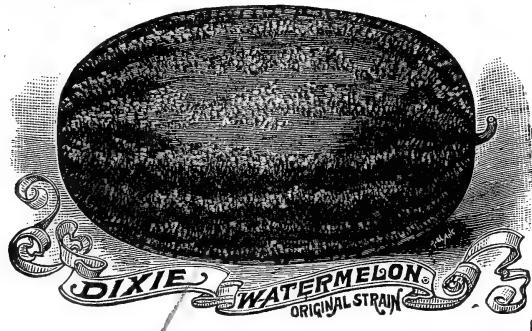
CASABA, or LONG PERSIAN. Flesh yellowish green, rich melting and sweet. Particularly fine for home use. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 70c.

WATER MELON.

Wassermelone, GER. Sandia, SP. Melone d'eau Pasteque, FR.

1 oz. to 80 hills, 4 to 5 lbs. in hills to an acre.

The culture of the Water Melon is very similar in all respects to that of the Musk varieties. Being hardier, and of much more vigorous habit, however, it may be planted in May, before settled warm weather appears, in hills not less than 8 feet apart, and thinned to two vines per hill. If melons of largest size are the object, remove all but a few when quite small.



THE DIXIE.

Among the many melons of recent introduction none have so rapidly advanced in popularity as a melon for general crop, as the Dixie. It possesses the desirable qualities of a good shipper, early maturity, large size, handsome form, bright, fresh appearance, thin but firm rind, which will endure handling, and remains a long time before showing any signs of decay. The skin is dark green beautifully striped; the flesh a bright, deep scarlet, sweet, tender, and juicy, quite free from stringiness. It is a reliable cropper, the vines grow strong, and are very hardy, resisting cold and wet to a remarkable degree. It is pronounced superior to and earlier than the well-known Kolb's Gem. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

VICK'S EARLY. Especially recommended for its extreme earliness, this characteristic makes it particularly desirable in the more northern latitudes. Oblong, smooth, rather small, flesh bright pink, solid and sweet. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

SEMINOLE. One of the best in cultivation and pronounced a perfect melon in every respect. It is extra early, enormously productive, solid, ripening clear up to the rind, color gray and light green, and of excellent flavor. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

PHINNEY'S EARLY. Flesh red, sweet, tender and brittle. Hardy, productive, early and a sure cropper. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

THE BOSS. Fruit above medium size and oblong, flesh brilliant red and of unusually rich flavor. Excellent for home use. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

BLACK SPANISH. Flesh red, sweet and delicious. A well-known standard sort of great excellence. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

GEORGIA RATTLESNAKE. (TRUE.) Large and long oblong; skin very dark green; flesh red and of fine quality. A popular variety on account of its shipping qualities. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

MOUNTAIN SWEET. One of the very best for general culture; rind thin and dark green; flesh red, solid and very sweet. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

Hungarian Honey.

A small, round, globe-like variety of recent introduction, noted for its delicious, honey-like flavor. Rind dark green; flesh deep carmine, juicy, entirely stringless and coreless. Vines are hardy, productive and mature the melons early and evenly. It is a convenient size for family use, and must become a general favorite. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

RUBY GOLD.

A curiosity. Remarkable for its beauty and excellent quality. Flesh pure golden-yellow, variegated with streaks and layers of bright pink. It is tender and of delightful flavor, which quality it retains a long time after ripening. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

GREEN AND GOLD.

The flesh is a beautiful golden orange color, free from any tinge of white or other color. The fruit is of good size. It is the largest early variety in cultivation, and its productiveness is equal to any of the red-fleshed sorts, while in delicious flavor it surpasses them all. Independent of the delicious flavor of the Green and Gold watermelon, its rich golden color will make it most desirable as an ornament for the table, especially if its golden slices are arranged in contrast with the crimson of the older sorts. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

SIBLEY'S TRIUMPH.

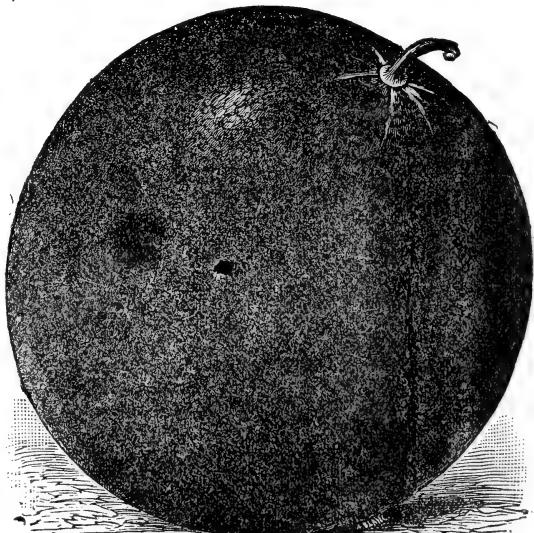
This is a melon of rare merits, excelling in form, color, evenness of maturing, productiveness, fine quality, and for shipping purposes. Rind dark green with light mottled stripes. Flesh brilliant red, crisp and deliciously sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

CUBAN QUEEN. Large, productive variety. Rind of medium thickness, but sufficiently tough to stand shipping well, beautifully striped, light and dark green; flesh bright red, very crisp, sugary and solid. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

DARK ICING. Fruit round and of medium size; rind dark green, thin, but very strong; flesh deep scarlet; rich, juicy and delicious. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

LIGHT ICING. Similar to the preceding, but a light variety. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

MAMMOTH IRON CLAD. A monstrous, striped, oblong melon, having a rind of such remarkable strength and impenetrability as to render it perfectly "iron-clad," hence the best shipper produced to date. Flesh red, sweet, tender, crisp and juicy. Heart very large. The keeping qualities of this melon are remarkable. Whether plucked or left upon the vines, they remain perfectly fresh fully one month after ripening. In addition to the foregoing facts it is the most remarkable yielder on record. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.



HUNGARIAN HONEY WATERMELON.

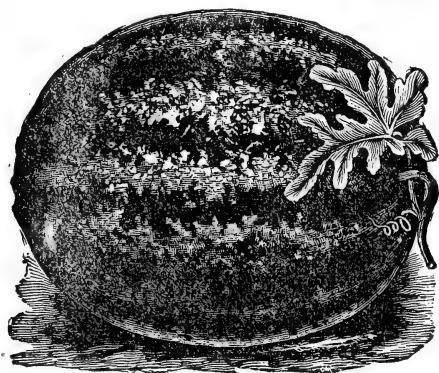
W.W. BARNARD & CO.

TESTED SEEDS

CHICAGO, ILL.

IMP ENGG.

WATER MELON.—Continued.



KOLB'S GEM.

KOLB'S GEM.

One of the most excellent of the recently introduced varieties. Of vigorous habit, productive and remarkable for its keeping qualities, retaining its freshness and flavor longer after plucking than any other known variety. Rind dark-green, marbled in light, very thin, yet so firm as to bear transportation admirably. Flesh red, deliciously sweet and crisp. Weight varies from 25 to 50 pounds. Deservedly popular with melon shippers and in the market. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

PEERLESS, OR ICE CREAM. Flesh red, solid to the center, sweet and delicious. Seeds white. Early, vigorous, hardy, productive, and altogether a desirable variety. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

PRIDE OF GEORGIA. A much better table variety than the Kolb's Gem, though not so good a shipper, owing to the exceeding thinness and tenderness of the rind. In form the melons are an oblong-oval, bearing indentations somewhat like the Musk Melon. The vines are exceedingly prolific. After a thorough trial of its merits, we recommend it highly to our friends desiring melons for home use, in any section of the country. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.

CITRON. (*Preserving Melon.*) Fruit small, perfectly round and handsome. Used for preserves, etc. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.

LEEK.

Lauch, GER. Puerto, Sp. Poireau, Fr.

1 oz. to 150 ft. of drill.

Leeks are useful for flavoring soups, etc., and in Europe are considered better for the purpose than onions. Prepare the soil and sow the seed as for onions. When large enough to handle, about the size of a lead pencil, transplant to a well enriched bed. Set in rows one foot apart, four or five inches in the row.

Large American Flag. This is the sort chiefly grown by market gardeners. It is of excellent quality, mild flavor and uniform. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Musselburg. (*Scotch Champion.*) Large and broad leaves. Flavor mild and pleasant. A good leek. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.20.

OKRA OR GUMBO.

1 oz. sows 50 ft. of drill.

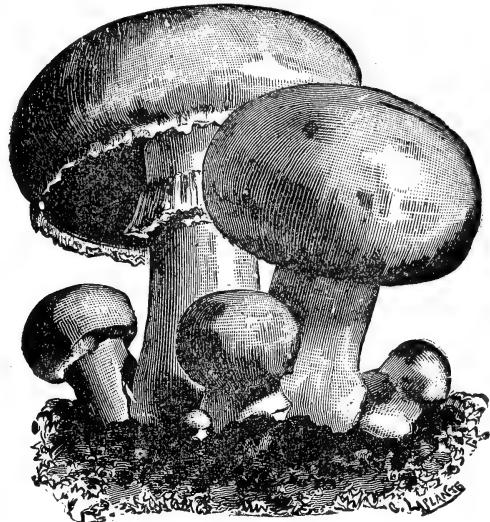
Extensively grown in the Southern States, and should be better known, as it is a delicious vegetable. The young green pods make a healthful and nutritious soup, and when pickled are a fine salad. Sow after weather becomes warm in rows three feet apart, two feet apart in the rows. Will succeed in any good garden soil.

IMPROVED DWARF. A distinct early variety. Pods comparatively short but very numerous. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

WHITE VELVET. A valuable new variety characterized by its round, smooth pods, free from ridges and seams. It is the most prolific Okra now offered, bearing 16 to 20 remarkably white pods per stalk; all well filled with tender, well-flavored fruit, rich in mucilaginous properties. Most desirable for all purposes for which Okra is used. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

MUSHROOMS

Champignon Brut, GER. Seta, Sp. Champignon, Fr.



MUSHROOMS.

Considering the ease with which the great luxury of fresh mushrooms may be obtained, it is only a question of time when mushrooms will be as common as onions. They may be grown in an ordinary house cellar, shed, or out-of-the-way place. Caves are well adapted to the purpose.

Take fresh horse manure, and use nothing but the fine portion of it, shaking out the straw. Mix this with fresh loam, one part loam and two parts manure, and turn every day to keep it from burning, until the fiery heat is nearly all out of it. Prepare the bed about four feet wide, and as long as required. Put in the preparation about eight inches deep, making it very solid as it is put in. Let it remain in this condition until the temperature has become reduced to ninety degrees. Make holes two or three inches deep, into which put the spawn, in pieces about as large as an egg, and at a distance of twelve inches apart each way. Cover the spawn and let it remain for eight or ten days. Then cover the whole bed with fine loam to the depth of two inches, making it firm with the back of a shovel or spade. The bed must be in a covered situation, and the prepared soil kept dry from the commencement, and in a dark place, with the temperature about fifty degrees. If everything is favorably done, the mushrooms will appear in from six to eight weeks. After the bed has been spawned, do not water unless quite dry, and, when necessary, use lukewarm water only.

ENGLISH SPAWN. In bricks. Imported by us direct from a celebrated English mushroom grower. Per brick, 25c., postpaid; not prepaid, 1b., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00.

FRENCH SPAWN. Put up in boxes of 2 pounds, per box, 70c.; if by mail, \$1.00.

MUSHROOM CULTURE.

A well-written and illustrated book, giving full cultural directions with descriptions of places where Mushrooms can be properly grown. Postpaid for 75c.

MUSTARD.

Senf, GER. Moutaza, Sp. Moutarde, Fr.

1 oz. sows 75 feet drill.

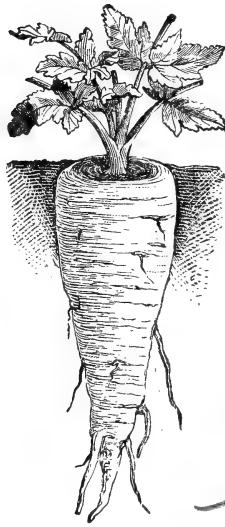
The young leaves are used in early spring with cress, lettuce, etc. Sow thickly in shallow drills a foot apart, and cut when a few inches high.

WHITE. Excellent for salads or garnishing. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

BLACK or BROWN. Leaves oblong, broad and cut. Seeds reddish brown. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

PARSNIP.

Pastinake, GER. Panais, FR.
1 oz. for 200 ft. drill; 5 or 6 lbs. per acre.



PARSNIP.

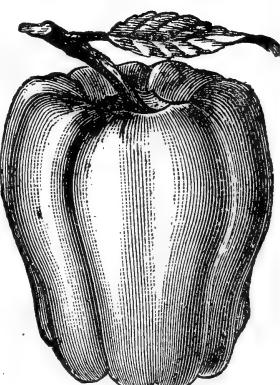
THE value of the parsnip as a table vegetable is well-known, but not so readily recognized as an economical farm product of great value for stock food. It is more nutritious than carrots or turnips, and is of particular value for feeding to dairy stock. Cultivate as for carrots; it is customary to leave parsnips in the ground over winter, as frost improves the roots. A few can be dug in the fall and stored in the cellar for use during the winter.

IMPROVED GUERNSEY. Market gardeners in this vicinity consider this variety unexcelled. It is much superior for market purposes to the ordinary sorts, the roots being smooth and carrying their thickness well down, not tapering so much nor growing so long. They have a handsome appearance when bunched. Flesh fine grained and of excellent quality. Pkt. 3c.; oz. 7c.; $\frac{1}{4}$ lb. 20c.; lb. 55c.

MAGNUM BONUM. This new variety is a decided improvement over the Hollow Crown. The tops fill up almost even, preventing them from rotting in wet seasons. The roots are long smooth and handsome, very tender and of excellent flavor. Pkt. 3c.; oz. 7c.; $\frac{1}{4}$ lb. 20c.; lb. 55c.

IMPROVED HOLLOW CROWN. This is an old, standard variety, preferred by many to all others. Roots, long and smooth. We have a strain that will give satisfaction. Pkt. 3c.; oz. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 40c.

EARLY ROUND. Roots are short, round and handsome. Well adapted for shallow soils; quality, excellent. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.



BULL NOSE.

DON'T OVERLOOK
The "8 Grand Vegetable
Specialties" for 25c.
See colored plate back
cover.

PEPPER.

Pfeffer, GER. Pimebt, FR.
1 oz. seed to 1500 plants.

PEPPERS are more tender than most vegetables. The seed should be sown in a hot-bed, cold frame or if no better convenience, a box in the window and transplanted about the last of May. They can be sown in the open ground when the weather becomes warm and settled. Warm, mellow soil, well fertilized should be used.

RUBY KING. The mildest pepper in our list. Grows from four to six inches in length by three to four inches in diameter. Color, bright and ruby red. Good for stuffed pickles. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

SWEET MOUNTAIN. Fruit very large, long, often eight inches or more in length, skin smooth, green when young and rich at maturity. Flesh thick, sweet and mild. This sort is much in use to stuff for mangoes. Pkt. 5c.; oz., 25c., $\frac{1}{4}$ lb. 75c., lb., \$2.50.

LARGE BELL OR BULL NOSE. Much esteemed for making chopped pickles. One of the earliest varieties. Flesh, thick and hard, and not so pungent as some others. The standard sort for family use and market.



CELESTIAL.

Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

GOLDEN DAWN. An extremely ornamental sort, very productive. The flavor is mild and sweet. Pkt., 5c.; oz. 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

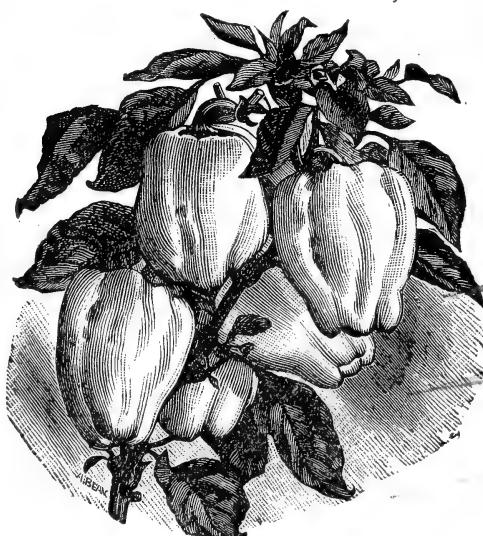
CELESTIAL. Not only a most useful pepper, but one of the most beautiful plants in existence. The plant begins to set its peppers early in the season, and continues till frost, branching freely and bearing profusely. The peppers up to the time they are full grown, are of a delicate, creamy yellow color, and when fully grown, change to an intense, vivid scarlet, making a plant, when loaded with fruit, part of one color and part of another, an object of the most striking beauty and oddity. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

PROCOPP'S GIANT. Fruit extraordinarily large, averaging six inches in length, sharp and crisp. Color, glossy scarlet; flavor just hot enough to be pleasant. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

RED CLUSTER. Peppers are small, thin and crowded together in bunches at the top of each branch. Fruit is hot and pungent; ripens easily. Over one thousand peppers have been counted on a single plant of this variety. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

CHERRY RED. A small, smooth, round variety of dwarf growth. Fruit at maturity, rich, glossy scarlet. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

CAYENNE. Pod, small, cone-shaped, red, hot and pungent. Used for pickles and making pepper sauce. Pkt. 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



GOLDEN DAWN PEPPER.

**ONION.**

Zwiebel, GER. Cebolla, SP.
Oignon, FR.

1 oz. to 100 ft. drill; 6 lbs. to
an acre.

A rich, light, mellow loam is best to insure successful onion raising, and may be cultivated to the same crop year after year. The ground should be thoroughly enriched, either with fine, decomposed manure, ground bone or superphosphates, and be deeply spaded or plowed, harrowed and pulverized, the surface being raked free from stones and hard lumps. In April sow about six pounds of seed to the acre, in rows 14 inches apart, and cover to the depth of $\frac{3}{4}$ of an inch; press the soil firmly about the seed. If the sowing be a large one, it can best be done by a machine. When the plants are $3\frac{1}{2}$ to 4 inches high, thin to 2 inches apart.

In the process of cultivation be careful not to stir the soil too deeply, nor to collect it about the growing bulbs. When the tops become entirely decayed, which will occur in August or early in

LARGE RED GLOBE.

September, rake the bulbs from the drills and leave exposed to the sun for a few days, after which they will be ready for storing or for market. The yield varies from 500 to 800 bushels per acre, according to the nature of the soil and the variety used.

EXTRA EARLY RED FLAT. An extra early variety. It yields abundantly and is of a mild flavor, medium size, deep red in color; very close-grained, solid and heavy. This will often form bulbs in cold and mucky soil, where other varieties fail. It is highly recommended, particularly for the North and Northwest. Desirable for early fall use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00

EARLY RED GLOBE. Earliest of the red varieties, fine grain and of good size; a great favorite where it is well known. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EXTRA LARGE RED WETHERSFIELD. This will be found a superior strain, far excelling the ordinary Red Wethersfield. The size, productiveness and long-keeping qualities are improved, and are to be found to perfection in this strain. We are paying our gardeners an extra price for the increased care devoted to this crop. It is of perfect form; skin a deep, purplish red, and the flesh of the finest quality. Gardeners and onion growers generally, will find that this strain will meet with ready sale and command the highest market prices, as its appearance is all that can be desired. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c.

LARGE RED GLOBE. An exceedingly handsome and desirable variety, and is deserving of general cultivation. It matures quite early, grows to a large size; skin deep red; flesh fine-grained, mild and tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

YELLOW DANVERS. Bulb of good size and flat; the standard yellow onion for market or home use, being both early and an enormous yielder, as well as good keeper. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 25c; lb., 70c.

YELLOW GLOBE DANVERS. A true globe in shape and of very handsome appearance. Skin beautifully golden, flesh white and delicately flavored. A very productive variety. Our stocks have been carefully bred from year to year, until it seems there is nothing left to attain, so perfect has the type become. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 25c; lb., 85c.

SOUTHPORT LARGE YELLOW GLOBE. A handsome globular variety of excellent flavor. This variety is quite distinct from the Yellow Globe Danvers. It is of large size, thin yellow skin, white flesh, fine-grained, mild flavor, very firm and the best of keepers. Very reliable variety for bottoming and free from scullions. It matures early and sells readily at the best prices. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

YELLOW DUTCH, OR STRASBURG. This variety is largely used for growing sets. Bulb large, oval and variable in form. Outside skin brown and of firm texture. Flesh white, fine-grained, and of comparatively mild flavor. Very hardy and a good keeper. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

WHITE GLOBE. American grown seeds. Flesh firm, fine-grained and of mild flavor. An abundant yielder and good keeper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

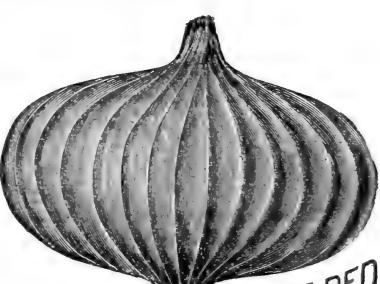
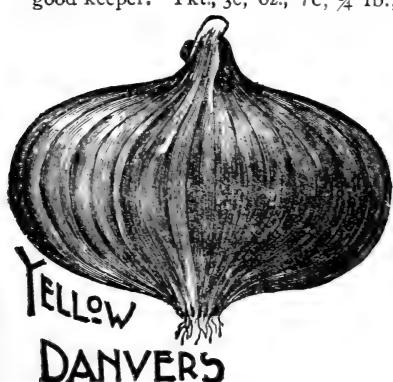
WHITE PORTUGAL, OR SILVER SKIN. Skin silvery-white; flesh of unusually mild flavor; very desirable for early winter use or for pickling. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

We are prepared to make Special Prices on larger quantities. Please write us before buying.

SPECIAL PRICES ON ONION SEED.
By Express or Freight not Prepaid.

	Per lb.	Per 5 lbs.
YELLOW DANVERS...	\$0.60	\$0.55
YELLOW GLOBE DANVERS.....	.75	.70
BARNARD'S YELLOW GLOBE DANVERS...	1.25	1.20
RED WETHERSFIELD...	.90	.80
PRIZE TAKER.....	1.30	1.25
WHITE PORTUGAL...	1.65	1.60*
WHITE GLOBE.....	1.65	1.60

Orders for five pounds or more of Onion Seed, (not less than one pound of a variety) will be filled at five pound prices.



LARGE RED WETHERSFIELD

ONION—Continued.

FOREIGN VARIETIES.

Prize Taker Onion.

A globe-shaped variety of recent introduction, remarkable for its enormous size, many specimens reaching the weight of three and one-half pounds each. The skin is a bright straw color, flesh white, very thick and of mild flavor. Earliness, uniform shape, productiveness, and its long-keeping qualities have made the Prize Taker a valuable acquisition. It is to-day one of the largest, handsomest and most profitable varieties grown. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.40

Mammoth Pompeii.

Of enormous size, it has produced onions weighing four to five pounds, and of fine quality. The skin is very thin and delicate in appearance, of a handsome reddish-brown color, the flesh is pure white, very fine grained and remarkably mild. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Mammoth Silver King.

A beautiful silvery onion, rivaling in size and weight the Mammoth Pompeii; diameter ranging from 5 to 7 inches, and weight from 2 to 4 pounds each. Form, a depressed globe. Flesh snowy white, delicate, sweet and tender. It matures early, and is a grand desideratum for market, table or exhibition purposes. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

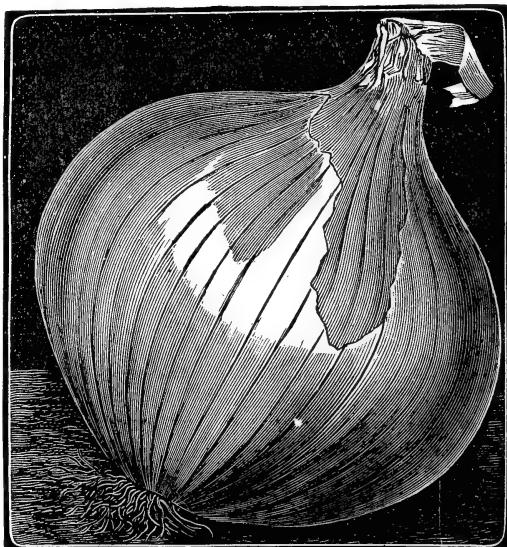
NEW GIANT ROCCA OR NAPLES. Flesh white, mild and delicious. The largest and handsomest brown skinned onion grown, and a most excellent keeper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

BLOOD RED ITALIAN TRIPOLI (Red Etna.) A round, flat variety of large size and rapid growth; of mild and agreeable flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

FLAT WHITE ITALIAN TRIPOLI (White Etna.) Similar to the preceding, except in color. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

NEW QUEEN. Bulbs very small and flat; flesh white and of a delicate flavor. Sown in February, they will make onions one or two inches in diameter early in the summer. Very early and of rapid growth, and keeps the year round. Fine pickling variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.20.

EARLY WHITE BARLETTA. The great merit of this variety is its extreme earliness. It is fully two weeks earlier than the White Queen. Color, pure waxy white; very mild and delicate flavor; from 1 inch to $1\frac{1}{2}$ inches in diameter, and $\frac{1}{4}$ of an inch thick. Good for pickling. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.



PRIZE TAKER ONION.

**ONION SETS.**

Price per bushel given on application.

1 Quart to 100 feet drill.

Onion Sets may be planted as early in the spring as the conditions of the ground will permit, and will then produce onions in the green state by June, and will ripen in July. Set about 4 inches apart, in drills 1 foot apart.

WHITE MULTIPLIER ONION SETS. A valuable onion, pure white in color, enormously productive, hardy and of fine quality. Qt. 50c, prepaid.

Qt., prepaid	Qt., prepaid
WHITE BOTTOM SETS,	35c
YELLOW " "	30c
RED " "	30c

POTATO ONIONS, - - - 45c
TOP ONIONS, - - - 30c

EGYPTIAN, OR PERENNIAL TREE. When once set out, without having the slightest winter protection, it will come up year after year as soon as the frost breaks ground, and will grow very rapidly. The young sets grow on top like Tree Onions, and can be planted in the fall. Pt., 30c; qt., 55c, prepaid.

PARSLEY.

Petersilie, GER. Perejil, SP. Persil, FR.

The seeds being given some weeks to germinate, should be planted as early in the spring as the ground is in good working condition. It is well to soak them: few hours in tepid water before sowing. Sow in drills 14 inches apart and 6 inches asunder, covering to the depth of one-half an inch.

CHAMPION MOSS CURLED. A beautifully curled variety, resembling a tuft of moss. Highly ornamental. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 70c.

FINE DOUBLE CURLED Dwarf and finely curled. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

PLAIN OR SINGLE. Leaves plain and longer than the curled sorts. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

HAMBURG. Roots large and fleshy. Used for flavoring soups and stews. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

PEAS.

Erbse, GER.
Pois, FR.

1 qt. will sow about 125 ft. of drill; 1½ bu. an acre.

Peas are extremely hardy, and will endure a great deal of cold either in or above the ground. By sowing as early as the ground can be worked and making repeated plantings at intervals of two weeks peas of excellent quality may be had far into the summer. Sow in drills two or three inches deep and from three to four feet apart, narrow for the dwarf and wide for the tall growing sorts. Dwarf growing peas require very rich soil and no support; tall growing varieties should be trained to wire trellises or supported by brush. If the soil is rich they will run too much to stalks. Wrinkled peas, marked *, contain a greater amount of saccharine matter than the smooth sorts.

Figures preceding descriptions of varieties indicate height in inches.

Price for packet, pint or quart, includes postage. When sold over our counter or if forwarded by mail or express at buyer's expense, 15c. per quart may be deducted from our prices.

Extra Early Varieties.

Barnard's "Leader."

THE EARLIEST
OF THE EARLIES.

For illustration and description see page 9.

Pkt., 5c. pt., 20c; qt., 35c; pk., \$1.00; bu., \$3.75.

RURAL NEW YORKER. 30 inches. An excellent very early Pea. Pods of fine shape, containing from six to nine peas of fine quality. Not only the most hardy, but owing to its bunching habits one of the most prolific extra early varieties in cultivation. Very uniform in growth and ripening; almost the entire crop can be gathered at one picking. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 85c.; bu., \$3.25.

***THE ADMIRAL.** Heaviest cropping early pea extant. This wrinkled variety grows to a height of from 3½ to 4 feet. The pods are about the size of First and Best, are borne in great profusion from top to bottom of the vine, and are well packed with large peas of very sweet flavor. This is a very desirable and distinct variety, and should find a place in every garden, whether for market or private use. It is also a variety that is eminently suited for canning. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 85c.; bu., \$3.25.

✓ **ALASKA.** 24 in. A most desirable pea for market gardeners. Pods dark green, peas blue. Can be shipped long distances without losing its color. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 85c.; bu., \$3.25.

✓ **FIRST AND BEST.** 30 in. Stocky and vigorous. Early and prolific. Ripens all at the same time. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 85c.; bu., \$3.25.

✓ **NOTT'S EXCELSIOR.** 15 in. The earliest and **BEST DWARF** wrinkled pea. This variety has sprung into popular favor very rapidly, and is now probably better known and esteemed more highly than American Wonder. It is as hardy as the earliest market sorts, and in quality equal to the very best. Pods of good size, each containing 6 to 8 peas. Ready for table in from forty-five to fifty days from planting. See outside cover page for colored illustration. Pkt., 5c.; pt., 20c.; qt., 40c.; pk., \$1.20; bu., \$4.50.

✓ **DWARF BLUE PETER, OR BLUE TOM THUMB.** 12 in. Of excellent quality and yields abundantly. Pkt., 5c.; pt., 25c.; qt., 40c.; pk., \$1.25; bu., \$4.50.

***EXTRA EARLY PREMIUM GEM.** 15 in. An improvement on Little Gem. Seeds large, green and sweet. A good one for the market gardener or the private family. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., 4.00.

***AMERICAN WONDER.** 12 in. It is very dwarf, and is particularly recommended for the family garden. Very productive and flavor unsurpassed. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$4.00.

EXTRA EARLY DWARF TOM THUMB. 10 in. A very early and desirable variety for family gardens. Pkt., 5c.; pt., 20c.; qt., 40c.; pk., \$1.25; bu., \$5.00.

***MCLEAN'S LITTLE GEM.** 18 in. A few days later than First and Best. *Matures in eight weeks.* Peas green and of excellent quality. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$4.00.

PHILADELPHIA EXTRA EARLY. 30 in. A favorite market sort. Peas smooth and of excellent quality. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 85c.; bu., \$3.25.

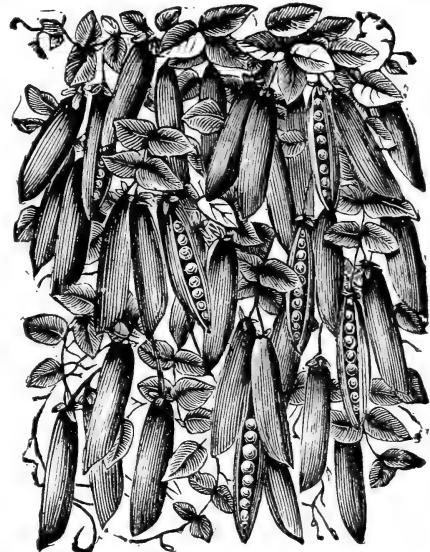
Second Early Sorts.

✓ ***SHROPSHIRE HERO.** 36 in. Market gardeners who tried this new pea last season give it unstinted praise. The pods are larger and better filled than Telephone and others of its class; averages seven and often contains nine or ten peas of delightful flavor. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.25; bu., \$4.50.

***HORSFORD'S MARKET GARDEN.** 24 in. An enormous yielder, the pods literally packed with peas. Requires no bushing. Pkt., 5c.; pt., 20c.; qt., 40c.; pk., \$1.00; bu., \$4.00.

***MCLEAN'S ADVANCER.** 30 in. A favorite with market gardeners and for home use. Long pods, well filled. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$4.00.

***BLISS' ABUNDANCE.** 36 in. Branches directly from the roots. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.10; bu., \$4.00.



RURAL NEW YORKER.

W.W. BARNARD & CO'S. TESTED SEEDS CHICAGO, ILL.

PEAS.—Continued.

HEROINE. 30 inch. No new pea since "American Wonder" was introduced has become so popular as this. It is an immense cropper, is far superior to all other peas, and combines quality with quantity. The cut shows the size and form of the pod, each of which contains nine or ten peas of that rich, marrow-like flavor so much esteemed by epicures. Plant this pea on our recommendation, and you will not regret having done so. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.25; bu., \$4.50.

***PARAGON.** Introduced by W. H. Grennell, a well-known pea grower of New York. Height three feet; double podded; medium late; long straight pods each containing 6 to 9 peas; stubby stalks covered with luxuriant foliage; pods are green; quality superb, not excelled by any pea. One of the largest producers known. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.25; bu., \$4.50.

Main or Late Crop Peas.

*Our Peas are north-
ern grown, carefully
rogued and hand-
picked.*

***STRATAGEM.** 24 in. An English variety of late introduction, by many considered the best of this class. It is a dwarf, blue marrow, a heavy cropper, pods often over six inches in length, containing nine to ten peas of superb quality. Pkt., 5c.; pt., 20c; qt., 40c.; pk., \$1.25; bu., \$5.00.

EVERBEARING. 24 in. A cross between Little Gem and Champion of England. Should be planted thinner than other kinds. For home use it is one of the best. Pods three to four inches in length, well filled with rich, marrowy peas. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$3.75.

***YORKSHIRE HERO.** 36 in. We have occasional calls for this well-known pea. An excellent sort for canning purposes. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$3.50.

***TELEPHONE.** 55 in. Market gardeners find this a most profitable pea. It is an unusually strong grower, and produces pods of the largest size, which are compactly filled with large peas. A good one for exhibition purposes and unsurpassed for family use. Pkt., 5c.; pt., 20c.; qt., 40c.; pk., \$1.20; bu., \$4.50.

LONG ISLAND MAMMOTH. 42 in. Earlier than Champion of England; an excellent cropper. Pods large size and well filled with green peas of excellent quality. Popular with eastern truckers and market gardeners. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.25; bu., \$4.50.

***CHAMPION OF ENGLAND.** 55 in. Generally conceded to be the best late tall pea. It is a profuse bearer and the peas are of excellent quality. Adapted to the requirements of both amateur and professional gardeners. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.50.

***PRIDE OF THE MARKET.** 24 in. Most wonderfully productive and extensively planted by market gardeners. Pods long, generally in pairs, dark green; peas round, blue, and of fine flavor. Pkt., 5c.; pt., 25c.; qt., 40c.; pk., \$1.25; bu., \$5.00.

***VICTORY.** 30 in. A splendid pea of recent introduction. Peas green, wrinkled, sweet, very large, from 8 to 10 in a pod. An enormous yielder, maturing about the same time as Stratagem. Pkt., 5c.; pt., 25c.; qt., 35c.; pk., \$1.25; bu., \$5.00.

ROYAL DWARF WHITE MARROWFAT. 24 in. A large delicious marrow pea; an excellent bearer and a favorite with market gardeners. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 70c.; bu., \$2.50.

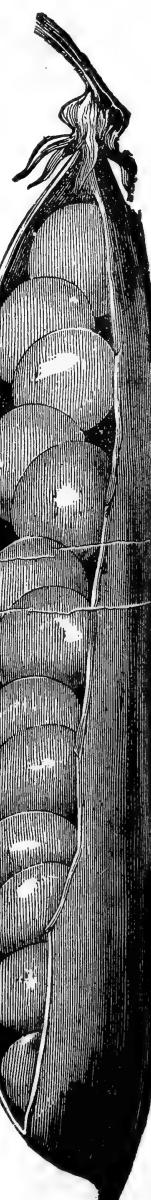
LARGE BLACK-EYED MARROWFAT. 60 in. This, like the preceding, is extensively grown as a field crop. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 70c.; bu., \$2.50.

Edible Podded or Sugar Peas.

DWARF SUGAR. 24 in. Similar in habit to "American Wonder." Pods crimped and of melting quality. Pkt., 5c.; pt., 25c.; qt., 40c.; pk., \$1.40; bu., \$5.00.

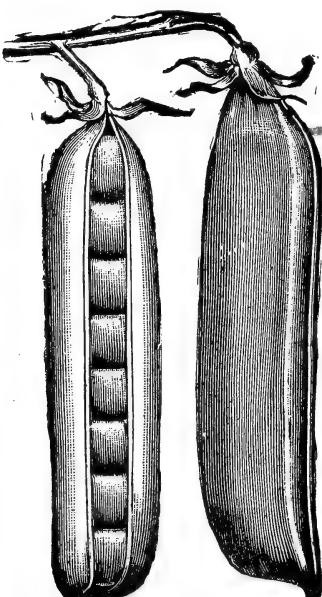
FIELD PEAS.

Canada Field, Golden Vine, Common Blue. Pkt., 5c.; quart, 25c. postpaid. Write for special prices in larger quantities.



HEROINE.

conceded to be the best late tall pea. It is a profuse bearer and the peas are of excellent quality. Adapted to the requirements of both amateur and professional gardeners. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.50.



PRIDE OF THE MARKET.

TELEPHONE.



CHOICE NORTHERN GROWN SEED POTATOES.

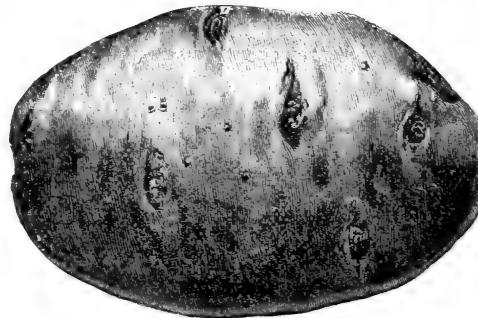
We offer for the present season a good stock of **exceptionally fine** seed potatoes, every tuber grown and selected for seed purposes with the greatest care. The potatoes are large, bright, smooth and free from disease. At these very low prices it will pay to change your seed. *At prices quoted potatoes are forwarded by express or freight, as directed, purchaser paying charges. We make no charge for sacks or barrels.*

Small quantities by mail or express prepaid, 1b. 25c, 3 lbs. 60c, unless otherwise noted.

EARLY SIX WEEKS

Without exception the earliest potato in existence.

Medium size, smooth, oblong; skin pink, flesh white, tubers grow close together in the hill and grow so rapidly that under favorable circumstances they are fit for family use **in six weeks from the time of planting**, and mature in ten or eleven weeks. We call this a good potato and can confidently recommend it for the market or home garden. Pk. 40c, bu. \$1, bbl. \$2.75.



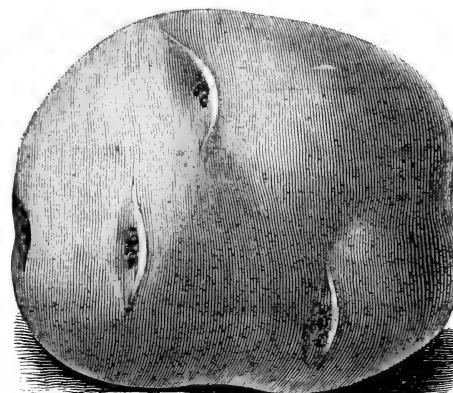
EARLY SIX WEEKS.

EXTRA EARLY OHIO

Standard extra early Potato, maturing two weeks ahead of the Early Rose. A special favorite with marketmen and the most profitable sort they can grow. It gives satisfaction in all parts of the country. While not a new potato, the tubers are much smoother and of better shape than the well known Early Ohio. They are smooth, free from scab and grow compactly in the hill, are easily dug; very few small ones. Almost every one being of marketable size.

They keep firm until late in the spring.

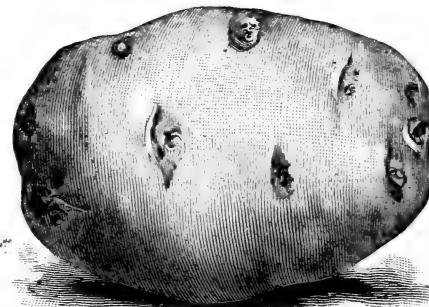
Pk. 35c, bu. 85c, bbl. \$2.25.



RURAL NEW YORKER.

RURAL NEW YORKER NO. 2.

This is the **best intermediate and main crop potato**. It has a distinct appearance, large unusually smooth, few and shallow eyes, skin and flesh white, table quality unexcelled. **A sure cropper.** Now well known and admitted to have more than ordinary merit. Like the others originated by Mr. Carmen it is well worthy of cultivation. Its **solidity** and **vigor** are such that it has rotted less in very wet seasons than any of the numerous sorts grown with it. Pk. 35c, bu. 85c, bbl. \$2.



CARMAN NO. 1.

SWEET POTATOES

you wish them shipped. *Prices changeable.* Write for lowest market quotations on larger lots.

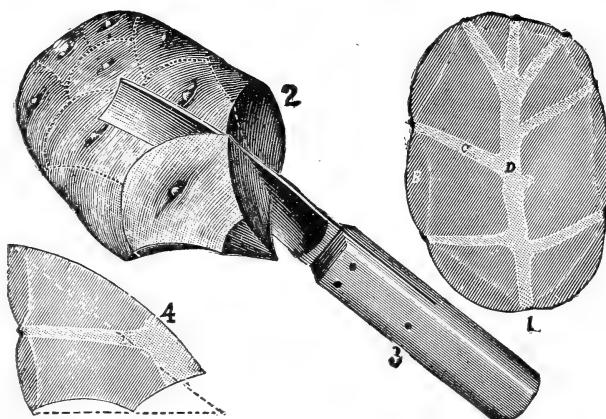
EXTRA EARLY CAROLINA—This variety matures very early, therefore is especially adapted to northern sections. Its handsome appearance, bright yellow color and great productiveness make it desirable for general cultivation. Choice seed stock packed carefully in boxes or barrels.

Choice Stock Grown and Selected for Seed Purposes. Please order early, giving date

YELLOW NANSEMOND, YELLOW JERSEY RED NANSEMOND, RED BERMUDA.

Any of above sorts packed carefully in boxes or barrels. Pk. 50c, bu. \$1.50, bbl. \$3.50.

We assume no responsibility for rot after leaving our hands.



Potato Eyes by Mail.

HERETOFORE the transportation charges to distant points have very frequently been more than the first cost of the seed potatoes, consequently many people were debarred from trying new and promising sorts. We have a method of shipping potato eyes by mail by which the eyes will remain in good condition for two months. A collection of 160 eyes under favorable circumstances should produce at least twelve bushels. We prepay postage and guarantee safe arrival.

40 Eyes of JUNE EATING Potato.....	35c.
40 " " RURAL NEW YORKER NO. 2 Potato.....	35c.
40 " " CABMAN NO. 1 Potato.....	35c.
40 " " WORLD'S FAIR Potato.....	35c.

The entire 160 eyes \$1.00, postpaid.

For description of above see preceding pages.

PUMPKIN.

Kuerbis, GER. Calabaza, SP. Patiron, FR.

1 oz. to 15 hills.

The seeds are planted with corn or potatoes. A crop may very profitably be raised by itself, however, in which case plant early in May, in hills 6 to 8 feet apart. Keep them away from other vines.

TENNESSEE or SWEET POTATO. Shell pearl-shaped, slightly ribbed, creamy white, and sometimes faintly striped with green. Flesh creamy, thick, of unusual fine grain, dry and of superior flavor. Very productive and keeps until late in spring. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

LARGE CHEESE. Fruit large. Flesh thick, yellow, fine grained and sweet. Hardy, remarkably productive and quite superior for cooking purposes to most of the field sorts. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

JAPANESE. The flesh is a rich salmon color, very thick, nearly solid, unusually fine-grained, and when cooked or stewed is almost as dry as a sweet potato. It is a very productive variety. The pumpkins ripen early, of medium size, weigh from 15 to 20 lbs. each, and keep well. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

MAMMOTH or TRUE POTIRON. A mammoth variety attaining a weight of 200 pounds and upwards, three feet or more in diameter. Skin salmon colored, flesh bright yellow, fine-grained and of good quality. Its chief value, next to feeding stock, is for a show pumpkin for your State or County fair. Our seed is of the very best, all of it being taken from pumpkins of great weight. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., \$1.00.

SWEET or SUGAR. Fruit quite small and round. A very prolific variety and superior for pies and table use. The skin is a deep orange yellow, an excellent keeper. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

CONNECTICUT FIELD. A very prolific sort. Chiefly grown because of its value for stock feeding. Oz., 5c.; lb., 25c.; 25 lbs., not prepaid, \$3.00.

WHY NOT make up your order for seeds and plants to-day? You can help us immensely in the busy season by sending your order just as soon as you read this.

Try some of the really good novelties and specialties described on first twelve pages.

They are all valuable additions.

SPINACH.

Spinat, GER. Espinaca, SP. Epinard, FR.

1 oz. for 100 feet of drill; 10 to 12 lbs. in drills per acre.

Sow for main crop in September, in rich soil, and protect during the winter with hay or straw. For summer use, start in April, sowing in intervals of 2 to 3 weeks for succession until August. Write for special Prices on large quantities.

BLOOMSDALE, or SAVOY LEAVED. Leaves numerous, large, wrinkled, thick, succulent and of superior quality. Very hardy. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 25c.

LONG STANDING. Leaves large and thick. Plant slow to seed. A valuable variety for market gardeners. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 25c.

THICK LEAVED ROUND. An excellent standard variety for early spring sowing. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 25c.; 5 to 12 lbs., 15c. per lb., not prepaid.

PRICKLY SEEDED; WINTER. Hardest of all and best for fall sowing. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 25c.

NEW VICTORIA. Leaves broad, dark green and thick. Remains in prime condition long after all other sorts have gone to seed. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 25c.

SALSIFY, or Oyster Plant.

Haferwurzel, GER. Salsifis, FR.

Salsifi Blanco, SP.

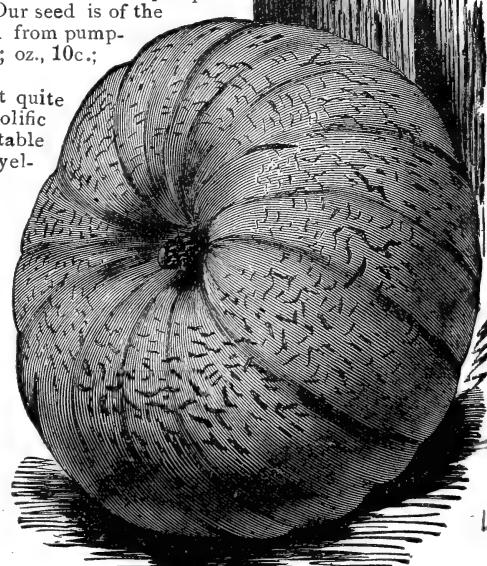
1 oz. for 100 feet of drill.

Cultivated chiefly for its parsnip-shaped roots, which have an oyster-like flavor and prove reliable prepared in various ways, as for soups, salads, etc., or simply boiled and served plain. The young flower stalks of the second year form an excellent dish prepared as asparagus, which they closely resemble in flavor.

Soil and culture should be the same as for Parsnips, taking pains to make sowings as early as practicable each spring.

LONG WHITE SALSIFY. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

MAMMOTH SANDWICH ISLAND. A highly recommended and desirable variety of large size. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.10.



MAMMOTH POTIRON.

W.W. BARNARD & CO.

TESTED SEEDS

CHICAGO, ILL.

IMP. ENG. G.

RADISH.

Rettig, Radieschen, GER. Rabans, SP. Radis, FR.

1 oz. to 100 ft. drill; 9 or 10 lbs. per acre in drills.

The growth must be rapid to insure those qualities upon which the Radish depends for excellence, viz.: crispness, succulence and mildness of flavor. A fine, dry, sandy loam, enriched and made light with well-rotted manure and a liberal dressing of salt is best adapted for the purpose, all heavy soils producing directly the opposite results from those desired.

CULTURE.—For early crops, prepare gentle hot-beds in February, covering with loam to a depth of 8 inches for the long-rooted and of 4 inches for the turnip-rooted varieties. Select the early sorts and sow immediately in drills 6 inches apart and $\frac{1}{2}$ inch deep, thinning to 2 inches—watering sparingly—allowing free ventilation to prevent running to leaves, and in severe weather protecting the sashes with matting or carpeting at night. For open air culture of the early varieties, sow early as the ground is workable, in drills one foot apart, thinning to 2 or 3 inches. Use invariably when young and brittle. For succession, sow every 10 to 15 days.

The late winter crop may be planted from middle of July to middle of August; thinning 4 to 6 inches apart, and, in dry weather, watering often and copiously. Harvest before frost and pack in earth in a dry cellar. The roots should be plunged in cold water for an hour or so before using.

EARLY SCARLET TURNIP, WHITE TIP.

(Rosy Gem.) With Chicago gardeners, this is by far the most popular early Radish, or for planting in succession. Tops and roots both small, skin bright scarlet, shaded to white at the tip; flesh white, mild and crisp. An ornamental variety of quick growth, desirable for forcing. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; 1lb., 50c.

EARLY SCARLET TURNIP, WHITE TIP.**Extra Forcing Strain.**

An improved strain of the well-known and popular Scarlet Turnip White Tip Radish, to which it is fully equal in quality, possessing two characteristics which make it better adapted for forcing; these are, *extreme earliness*, being ready for use in two or three weeks after planting; planted more closely together. Desirable for hot-bed and greenhouse



EARLY SCARLET TURNIP, WHITE TIP.

ing; small tops, which permit of their being planted closer together. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1lb., 75c.

EARLY SCARLET GLOBE.

Of rare and distinct merit for forcing, either in greenhouses, hot-beds, or cold frames, and alike desirable for open air culture. It is handsome in form and color—a beautiful oval and a rich scarlet. In flavor it is mild, crisp, juicy and tender. The merits which make it especially adapted to forcing are that it will bear the requisite heat, without becoming pithy or spongy, and it produces but little foliage compared with the size of the Radish. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; 1lb., 60c.

NE PLUS ULTRA.

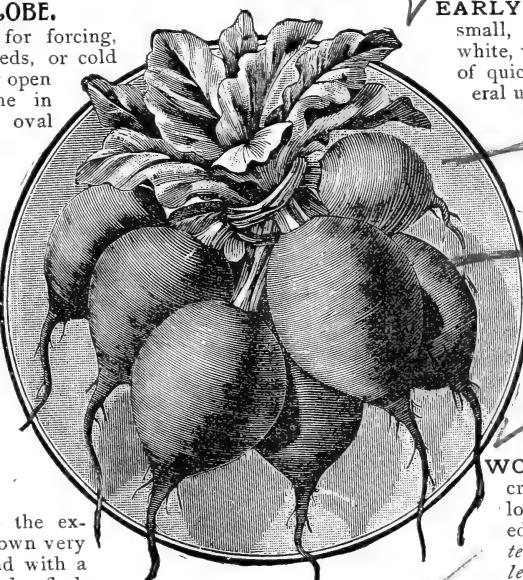
This is one of the finest forcing Radishes introduced, and has already taken a leading place with our market gardeners. It will mature in 18 to 20 days, and owing to the extremely small tops can be sown very thickly. The roots are round with a deep scarlet colored skin, the flesh white, very crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1lb., 75c.

BRIGHTEST LONG SCARLET.

Also called Cardinal. A valuable new Radish at once noticeable for its strikingly beautiful appearance. In shape it is very regular, smooth, and similar to the Long Scarlet, but shorter; the skin is of a fiery scarlet, the brightest color of any Radish, the tail slightly tipped with white. It is extraordinarily early, maturing in 20 to 25 days, the flesh crisp and tender. Excellent for home gardening and particularly desirable for the market, as it sells quickly because of its fine color and form. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1lb., 75c.

EARLIEST CARMINE OLIVE.

A new, distinct and beautiful variety of great forcing value. The roots are crisp and tender, much larger than those of the turnip sorts, while the tops are far smaller. A most valuable variety for the enterprising market gardener. Pkt. 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; 1lb., 65c.



SCARLET GLOBE

EARLY SCARLET TURNIP. Roots small, round and red-skinned; flesh white, very tender and of delicate flavor; of quick growth, and desirable for general use. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; 1lb., 50c.

EARLY WHITE TURNIP. Same as above except in color. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; 1lb., 60c.

IMPROVED LONG SCARLET (Short Top.) Top small; root 6 to 9 inches, straight, smooth, growing half above ground; skin brilliant scarlet; flesh white, crisp. The leading long, standard variety for market and family garden. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; 1lb., 50c.

WOOD'S EARLY FRAME. A crisp, mild-flavored variety of the long scarlet type, eminently adapted to forcing or early market. Fully ten days earlier than the Long Scarlet. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; 1lb., 60c.

EARLY ROUND DARK RED.

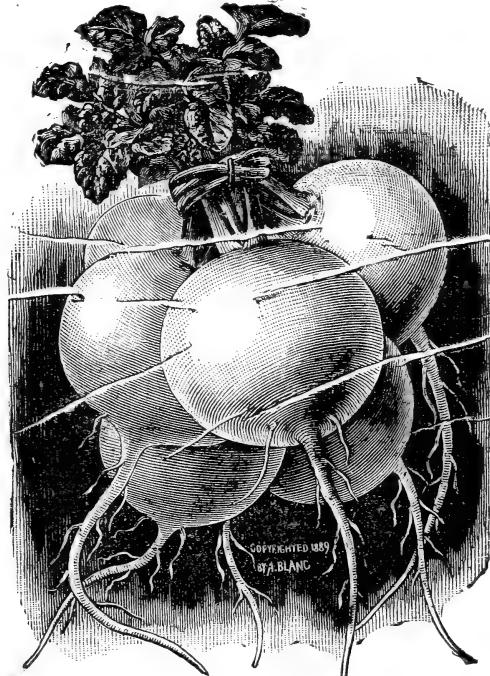
EARLY ROUND DARK RED.

The shape is the same as the Early Scarlet Turnip. It differs in color, being an exquisite rich, deep shade that is at once rare and strikingly handsome, and makes very much smaller tops. On this account it is now very largely used for forcing in both frame and greenhouses. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; 1lb., 50c.

W.W. BARNARD & CO. • **TESTED SEEDS** • **CHICAGO, ILL.**

RADISH.—Continued.

✓ **PHILADELPHIA WHITE "BOX."** Its points of superiority are remarkably short top, rapid growth, perfect turnip shape, extra fine quality, and showing no disposition whatever to become pithy with age; but, on the contrary, remains solid and juicy long after fully grown. Its short top and rapid growth especially fits it for growing under glass, in frames or boxes (hence its name) as well as early sowing on squares or borders in the open ground. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.



PHILADELPHIA WHITE BOX.

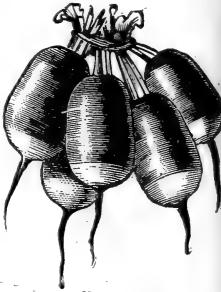
IMPROVED CHARTIER (White Tip.) A long and unusually large variety; distinct and desirable. The upper portion of the radish is bright crimson, pink at the center, the tip a pure waxy white. In quality and flavor it is tender, sweet and mild. It is quite free from "pithiness," even when well advanced in the season. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 60c.

GOLDEN GLOBE. Root a perfect globe in form and enclosed in a beautiful golden-colored skin; flesh tender and of excellent quality. Of rapid growth, producing highly ornamental specimens, crisp and finely flavored even in the hottest latitude, hence a great favorite in the South. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

YELLOW SUMMER TURNIP. A large variety, but of rapid growth, quite remarkable for its heat-resisting characteristics. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

FRENCH BREAKFAST.

Skin scarlet on the body and white at the extremity; flesh white, tender and mild. Of rapid growth, and desirable for any use. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.



LONG WHITE VIENNA.

(Lady Finger.) This is undoubtedly the most perfect long white radish in cultivation. It is of very rapid growth, and its fine, white flesh is remarkably crisp, brittle and tender. In shape FRENCH BREAKFAST. It is most attractive and handsome. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

LONG WHITE NAPLES. Skin and flesh pure white, fine grain, tender and finely flavored. Good for summer and fall use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

GIANT WHITE STUTTGART. Root very large, heart-shaped, and of vigorous, quick growth; maturing in five weeks; skin and flesh white, the latter constantly brittle and mild, flavored at all stages of development. Remarkably slow in running to seed, even in severest heat. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

ROSE, OLIVE SHAPED. Skin rose-colored; flesh rose-tinted, tender and of excellent flavor. Very early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

WHITE, OLIVE SHAPED. Similar to above, except in color, as the name indicates. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

WHITE STRASBURG. An excellent summer variety, being tender, crisp and a fine grower, and remains in a tender condition longer than any other summer sort. It is of handsome, half long, tapering shape; both skin and flesh are pure white. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

LATE OR AUTUMN AND WINTER SORTS.

CHINESE ROSE. Form large and conical. Flesh firm, tender and of fine piquant flavor. A fine winter and also early spring variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

CHINESE WHITE. Of fine grain and good flavor. Similar to above, except in color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

LONG BLACK SPANISH. Black skin. Flesh white, firm and of excellent flavor. One of the hardiest and finest either for winter or summer use. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

ROUND BLACK SPANISH. Similar to above except in form. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

• RHUBARB or PIE PLANT. •

Rhabarber, GER. Rhubarbe, FR.

A hardy perennial, cultivated for its acid leaf stalks, which are used for pies, tarts, sauces, canning, etc. Sow the seed in April, in drills 1 foot apart and 1 inch deep, thinning to 8 inches. The following fall or spring transplant to trenches $\frac{2}{3}$ feet deep, 3 feet apart, and 3 to 5 feet apart in the trench, according to the variety. Propagation by division of the roots may be made either in spring or fall, placing the sets at the same distance apart as that recommended for the seedlings. Cultivate thoroughly thereafter, breaking down the flower stalks to prevent their flourishing at the expense of the leaf stalks. Cover with manure each fall to be spaded in the following spring. A few of the finest leaf stalks may be used not too early in the second season; but from the third year, with good care, gatherings may be made with entire freedom for 10 to 15 years. In removing, be careful to pull off close to the roots instead of cutting, as the sap flows more freely from a square cut.

VICTORIA. Leaf stalks very tall and large, frequently weighing 2 pounds each. Skin thick and red-stained. Pulp quite acid. Very productive and profitable for market gardeners. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

LINNÆUS. The earliest variety grown, and quite desirable for small market or family garden. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

• RHUBARB ROOTS. •

VICTORIA. Of good size, 15c each, not prepaid per dozen, \$1.50; by mail, 40c each.

W.W. BARNARD & CO'S. TESTED SEEDS. CHICAGO, ILL.

IMPEX CO.

SELECTED SQUASH.

Speise-Kuerbis, GER. Calabaza, SP. Cowege, FR.

1 oz. for 50 hills; 4 to 6 lbs. per acre in drills.

PLANT when all danger from frost is past, and get in the winter varieties as soon as possible in order that they may mature.

Plant in hills 4 feet apart for the bush varieties and 6 or 8 feet apart for running sorts. Put 6 or 8 seeds in a hill, thinning when all danger from insects is past to 3 or 4 plants in a hill.

Summer Squashes.

WHITE BUSH SCALLOP. Ripens very early, skin white and tender and bears abundantly. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

YELLOW BUSH SCALLOP. Similar to preceding except in color. Both are of excellent quality and well adapted for shipping a long distance to market. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

GOLDEN SUMMER CROOKNECK. The richest of the summer sorts. Early and productive. Bright yellow with warty skin. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

GIANT SUMMER CROOKNECK. Not only earlier than the common variety, but grows twice the size, and is a great seller therefore desirable for market gardeners. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

PERFECT GEM. Wonderfully prolific; fruit round; flesh cream colored, dry sweet and rich. Good for either summer or winter use. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.

Fall and Winter Squashes.

CHICAGO ORANGE MARROW. The earliest by ten days of the winter squashes. It is creamy orange in color; fine form, handsome appearance, and keeps a long time. In great demand by Chicago pie bakers who prefer it to all others. Pkt., 5c.; oz., 10c. $\frac{1}{4}$ lb., 25c.; lb., 85c.

SIBLEY. Shell very hard and flinty but so thin there is very little waste in paring. An excellent shipper. Flesh solid and thick, vivid brilliant orange in color, dry and having a rich flavor peculiarly its own. Very productive and ripens its fruit so evenly that nearly the whole crop can be gathered at one picking. It keeps perfectly sound until the last of June. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

ESSEX HYBRID. A medium late sort, a good one to follow peas or potatoes. Flesh orange, solid and thick, fine grained and rich flavor. A quick grower. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

BOSTON MARROW. A splendid pie and table squash. Flesh salmon colored, dry, fine grained and sweet. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

MARBLEHEAD. It resembles the Hubbard, has a harder shell. Flesh light yellow, dry and delicious. A variety that is much esteemed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

BAY STATE. Shell, bluish-green, hard and flinty. Keeps a long time. Flesh golden yellow. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

MAMMOTH CHILI. The largest of all squashes. We have evidence of one of this variety attaining the enormous weight of 292 lbs. Flesh very thick, yellow and nutritious. Specially recommended for exhibition purposes and feeding to stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

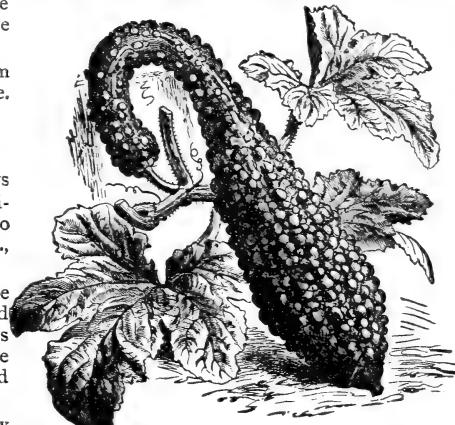
WINTER CROOKNECK. Vines very long, hardy, vigorous, productive, and sure to mature their crops nicely. Flesh salmon-colored and unusually solid, sweet and of good flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

HUBBARD. Regarded as the standard winter squash. Very hard shell; excellent keeper, the best for table use. Flesh dark yellow, fine grained, dry and sweet. Our seed is most carefully selected and will give satisfaction. Pkt., 5c.; 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

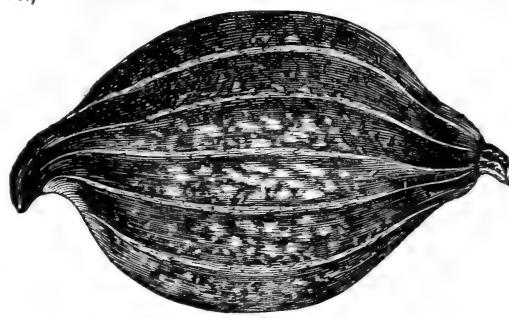
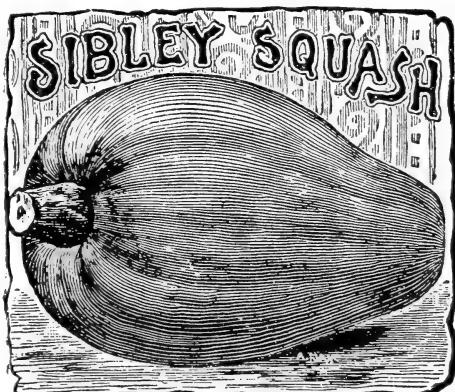
WARTED HUBBARD. In color it is blackish-green; the shell is very hard and covered with warty knobs which is a marked characteristic. Flavor and long-keeping qualities are said to be better than the old. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.



WHITE BUSH SCALLOP.



GIANT SUMMER CROOKNECK.



HUBBARD.

TOMATO:

Ciebesapfel, GER. Tomates, Sp. Tomate, FR.

1 oz. to 1500 plants; $\frac{1}{4}$ lb. to transplant per acre.

It thrives best in light, warm soil, not too highly enriched, and depends for highest excellence upon vigorous, unchecked growth in the early stages. CULTURE.—For early crops sow in hotbed, greenhouse, or inside the window or sitting room, where the temperature does not fall below 65 degrees, in February or March; transplanting—to secure stockiness—when three inches high, to pots, cold frames, or other parts of the bed, and about 5 inches apart. After all danger of frost is over, transplant finally to open ground, 4 to 6 feet apart, according to variety used. Earliness may be promoted by pruning off excessive growth.

ATLANTIC PRIZE.

We do not hesitate to pronounce it the largest smoothest, best flavored and brightest colored earliest Tomato. Vine medium size, with few leaves, very hardy bearing the fruit low down on the stem and in enormous clusters, *which ripen altogether*. Those whose trade demands that they have a large, smooth, good flavored, *very early fruit*, will find this variety to be just what they want. The seed we offer is carefully selected. Pkt. 5c. oz. 20c., $\frac{1}{4}$ lb. 60c., 1lb. \$2.25.

FORDHOOK FIRST.

A perfectly smooth solid Tomato, of handsome appearance and extremely early, ripening evenly about the stem, with tough skin, of medium size, quality very fine and of a color between the crimson Acme and the orange red of Ignotum. We consider this for smoothness and other good qualities the leader in early Tomatoes. No one finds any fault with it but everybody commends it for its beautiful fruit, uniform size and superior quality. It has almost no core and ripens with or very close to Atlantic Prize. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 10c., 1lb. \$3.50.

BUCKEYE STATE.

Fully one half larger than the well known Beauty. Color much the same as that sort, perhaps a little darker, solid, meaty, heavy and of first quality. Many "mammouth" sorts have been introduced of late, but on first trial they are discarded on account of the rough or uneven surface. The Buckeye State is the smoothest large Tomato, producing its fruit in great clusters and is extremely productive. In shape it is a little thicker from blossom end to stem than most other varieties. Commands the highest price in market and is justly entitled to front rank. Pkt. 10c., oz. 20c. $\frac{1}{4}$ lb., 60c. 1lb. \$2.25.

ACME, Improved Strain.—Ripens early; of medium uniform size, purplish pink, round smooth and without cracks. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 55c., 1lb. \$2.00.

DWARF CHAMPION.—Fruit in form and color like Acme, of strong, upright habit; one of the best for home use. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 55c., 1lb. \$2.00.

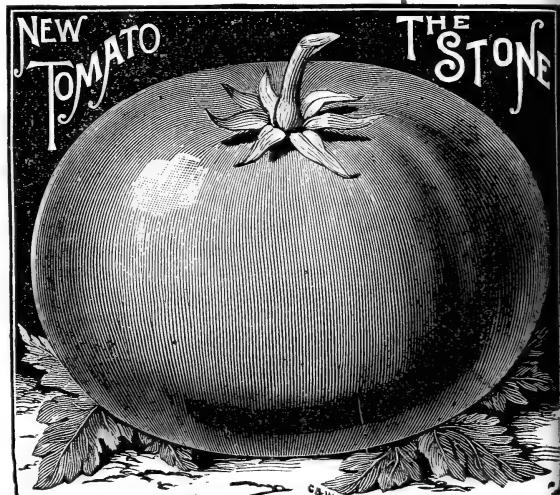
GOLDEN QUEEN.—Rich deep yellow. It has very little acid and the quality is excellent. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., 1lb. \$2.50.

ROYAL RED.—A first-class main crop variety for the shipper, market gardener or the home garden and especially valuable to canners and catsup makers. Color very vivid red. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., 1lb. \$2.25.

LIVINGSTON'S BEAUTY.—Medium early. Glossy crimson tinged with purple. Entirely free from rough specimens and seldom cracks. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 55c., 1lb. \$2.00.

PARAGON.—A fine early variety and heavy bearer, fruit round as an apple, rich crimson, solid and smooth. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 55c., 1lb. \$2.00.

PERFECTION.—Early, large, bright red, splendid for canning. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 55c., 1lb. \$2.00.



THE STONE.

Very large, and of bright scarlet color, very smooth, with occasionally a specimen very slightly octagon-shaped; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed (as its name indicates); is an excellent shipper, quality the very best; fine for canning; a good keeper; without hard core; not subject to rot; its appearance on market remarkably attractive; a heavy variety; its vines and foliage rank and robust, heavily loaded with very uniform specimens of fruit. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., 1lb. \$2.25.

PONDEROSA.

Possesses very good quality to be found in a tomato. The vines are strong and vigorous and easily carry their enormous weight of fruit. Its massive or ponderous fruits are almost perfect in form, and so free from ridges or corrugations as to seem nearly as smooth as glass and when we come to size, weight and solidity, no other Tomato begins to approach it. The skin is exceedingly firm, which will cause it to be largely grown for shipping purposes. Solid, almost seedless; *enormous bearer* fruits somewhat rough, excellent for stewing. Its flavor is excellent whether used raw or cooked. Pkt. 5c., oz. 25c. $\frac{1}{4}$ lb. 70c. 1lb. \$2.75.

TREE TOMATO.—So called from growing in tree like form and bearing large, plump red fruit that is extremely solid, hard and of excellent quality. Pkt. 5c., oz., 25c., $\frac{1}{4}$ lb. 75c., 1lb. \$3.00.

YELLOW PLUM OR PEAR.—For pickling and preserves. Fruit uniformly oval, lemon colored and smooth skinned. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., 1lb. \$3.00.

RED Currant.—Has a fine distinct flavor and quality that makes it superb. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 80c.

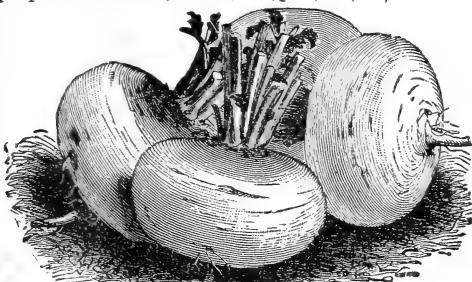
TURNIP.

Weisse Rueben, GER. Nabo, SP. Navet, FR.

1 oz. for 150 ft. of drill; 1 to 2 lbs. in drills per acre.

The best soil is a new, light, rich loam, entirely free from fresh manure. Sowing for summer use should be made very early in the spring; for fall or main crop from middle of July to middle of August. The small varieties may be sown broad cast if the ground be free from weeds. In the case of the large sorts, however, greater yields and better results in every way will be derived from drill sowing. Make drills 14 inches apart, $\frac{1}{2}$ inch deep, and when of sufficient size thin the roots to 5 or 6 inches distant. For succession, sow at intervals of a fortnight. Sow if possible just before a rain.

EXTRA EARLY PURPLE TOP MUNICH. An extra early flat turnip, white skinned below ground and purple above. Pkt., 8c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 75c.



WHITE FLAT DUTCH.

EARLY WHITE FLAT DUTCH.

Bulb of medium size and flat. Skin pure white. One of the surest crop-pers of the early garden sorts. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 45c.

WHITE SIX WEEKS OR SNOWBALL.

Bulb of medium size and spherical skin white and smooth. Imma-ture flesh, fine-grained, tender and sweet. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.



EXTRA EARLY PURPLE TOP MILAN.

EXTRA EARLY PURPLE TOP MILAN. A splendid new Strap-leaved variety that is ready for use fully two weeks earlier than the Purple Top Strap-leaved, and one week ahead of the Purple Top Munich. The bulb is of medium size, quite flat, smooth and has a bright fresh purple top. The flesh is pure white, solid, fine grained and of the choicest quality Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.

PRIZE PURPLE TOP STRAP LEAF.

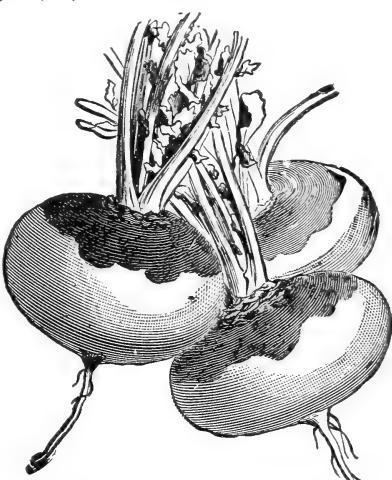
Tops small, bulb mostly above ground, of me-dium size and flat. Skin white below the sur-face and clear bright purple above. Flesh white; sugary and remarkably well flavored. Very early, hardy and prolific. The leading standard, purely American variety. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

WHITE EGG. Tops small and rough-leaved. Bulb oblong and produced mostly out of ground. Skin pure white and perfectly smooth. Flesh firm, very sweet and mild. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

PURPLE TOP WHITE GLOBE. The name of this most excellent variety affords for it a very accurate description. It is an early and a hearty cropper as well as a good keeper. The bulb is a very handsome globe, and is es-pcially in demand among market gardeners. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

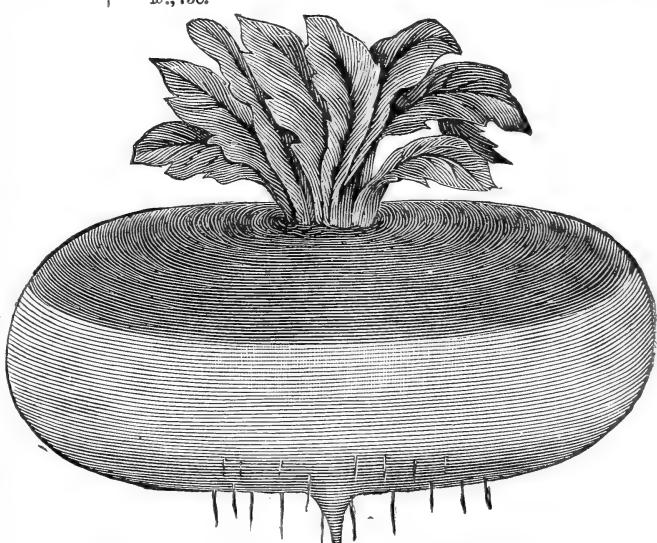
WHITE STRAP LEAF. A sub variety of the Purple Top Strap Leaf, from which it differs mainly in the col-oring of the skin. Early, productive, of excellent quality and recommended either for field or garden culture. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

POMERANIAN WHITE GLOBE. A large and most perfect globe in shape; skin white and smooth. Of strong growth and one of the most productive varieties. Valuable for both table and stock. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.



EARLY YELLOW MONTMAGNY.

EARLY YELLOW MONTMAGNY. This is by far the handsomest of the yellow fleshed varieties; being a fine golden, purple-topped, oval bulb of medium size. The flesh also is golden-hued, sweet, tender and fine grained. It is a favorite early variety that is becoming more pop-u-lar with each succeeding year. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.



PRIZE PURPLE TOP STRAP LEAF.

W.W. BARNARD & CO.

TESTED SEEDS

CHICAGO, ILL.

IMP ENG.

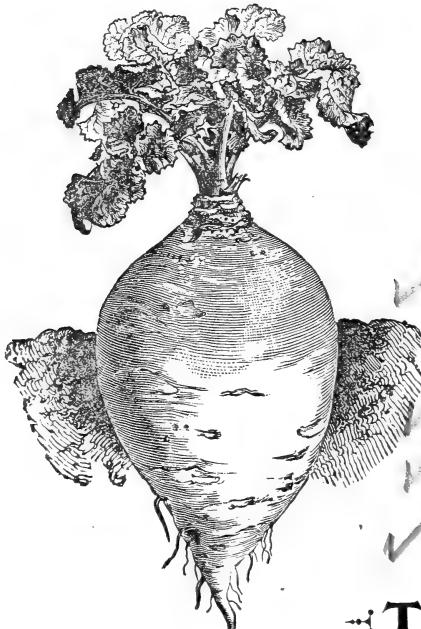
TURNIP.—Continued.

WHITE FLAT NORFOLK. Bulb round, flat. Flesh white, sweet and excellent for stock feeding. A late variety, often attaining extraordinary size. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

LONG RED TANKARD. Root large, tapering, and produced half above ground. Skin white below, purple above. Flesh white, firm, sweet and of good flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

PURPLE TOP YELLOW ABERDEEN. Root round and tapering. Flesh pale yellow, tender, sugary and of superior flavor. A hardy and productive standard variety. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 45.

YELLOW STONE. Flesh yellow, very sweet and delicate; but growing more above ground. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.



RUTA BAGA.

Kohlrabi, GER. Col Nabo, SP. Chou Navet, FR.

The Swedes are really preferable for stock feeding, on account of their superior nutritive as well as better keeping qualities. Some of the finest are desirable and popular for table use, also. The ground should be dry and thoroughly enriched. The sowing at the North may be made from the middle of June to the middle of July; at the South in the fall. Space the drills 20 inches apart, and thin 10 to 12 inches distant. For preservation the roots may be packed in barrels in the cellar and covered with sand or turf, or placed in dry pits, underneath a thick coating of dry straw the whole earthed over to a depth of some 10 inches.

AMERICAN PURPLE TOP. Tops very small. Bulbs large, having few if any roots. Skin deep purple above, bright yellow underneath. Flesh golden yellow, of fine texture, sweet and of richest flavor. Very hardy, unusually productive, and a good keeper, the principal variety being desirable for table use or stock feeding. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

SKIRVING'S PURPLE TOP. Flesh yellow, solid and sweet. A good keeper. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

LAING'S IMPROVED PURPLE TOP. Leaves cabbage-like and large. Bulb nearly round. Skin smooth, yellow below and purple above. Flesh yellow, solid and of fine flavor. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

WHITE SWEET RUSSIAN. Bulb enormous. Flesh white, solid and rich in sugar. The best keeper of all the Swedes, and deservedly popular for both table and stock. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

TOBACCO.

WHITE SWEET RUSSIAN. Cabaci, GER. Tabaco, SP. Tabac, FR.

Rich, sandy loam produces the best quality of leaf; heavy, new soils and green manures producing coarse leaf, which burns badly. Wood ashes and commercial potash fertilizers are the best for tobacco. The seed bed must be very light; it is well to burn a brush heap upon it some months before seeding.

PRIMUS. The very earliest variety grown and one that succeeds well in Canada and the far North, where few kinds will ripen. Entirely new, choice, very productive. Leaves large, fibers fine, and texture silky. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

CONNECTICUT SEED LEAF. Perhaps the variety best adapted to the climate of the Middle and Northern States, being comparatively hardy. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

IMPORTED HAVANA. Best of all for the manufacture of cigars, but inclined to deteriorate; hence the necessity of renewing the seed each year. Ours is a superior strain of Cuban grown stocks. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

VEGETABLE PLANTS.

BY EXPRESS, NOT PREPAID.

SPECIAL NOTICE! If wanted by mail, add 25c. per 100 for Cabbage and Cauliflower; 10c. per doz. for Egg and Pepper plants; 80c. per doz. for Rhubarb roots; 10c. per doz. for Tomatoes.

		Doz.	50.	100.	1,000.
CABBAGE.	Early varieties, once transplanted. Ready April 1st		\$0.40	\$0.75	\$4.50
CABBAGE.	Late varieties. Ready June 1st.....		.20	.30	1.75
CAULIFLOWER.	Early varieties, once transplanted. Ready April 1st.....		.75	1.25	7.50
CAULIFLOWER.	Late varieties. Ready June 20th.....		.30	.50	4.00
CELERI.	Sheared back several times during growth. Ready July 1st..		.30	.50	3.00
SWEET POTATO.	Ready June 10th.....		.25	.35	2.50
TOMATO.	Twice transplanted		\$0.20	.60	1.00
EGG PLANT.	Twice transplanted. Ready May 15th .....		.25	.80	1.50
PEPPER.	Twice transplanted. Ready May 15th....		.20	.60	1.00
CHIVES.	Strong clumps	Each 10c.	1.00		
ASPARAGUS ROOTS.	2-year old, strong roots.....		.20	.60	1.00
RHUBARB ROOTS.	Strong clumps	Each 15c.	1.25		
HORSE RADISH SETS.	Slant cut ends.....		.20	.50	.75
					6.00

FARM SEEDS

Barley.

MANSHURY. The very best six-rowed barley grown. Heads long, heavy drooping and well filled, containing 75 to 90 grains each. Straw bright, very strong; does not lodge on the richest land. It is early in ripening and always plump, yields from 50 to 70 bu. per acre. Of this variety the Agricultural Station, at Madison, Wisconsin, reports: "Manshury won an easy victory over all competitors and the reports received from farmers, who have grown it for several years, fully sustain us in our opinion that it is the most desirable of all varieties for general crop." Considered superior for malting. Long heads; distinguished from common sorts by a slightly reddish tint to the beard. Pkt., 5c; lb., 20c, prepaid; bu., \$1.10; 5 bu., lots \$1.00 per bu., bags included.

NEPAUL OR HULLESS. A hulless and beardless variety, grain much resembles wheat but is double the size; a two rowed variety. Stalks shorter than the ordinary, while heads are longer; distinguished for its sure cropping and enormous yielding properties. Claimed to be superior to oats, corn or other barley for feeding purposes. Pkt., 5c; lb., 25c, postpaid; pk., 50c; bu., \$1.50, bags included.

Wheat.

VELVET CHAFF BLUE STEM (Spring). A distinct variety, having white, velvet like chaff; heads beardless. The stem, just below the head, when green, is a beautiful blue bloom, which disappears as the wheat ripens, both wheat and straw assuming a bright golden tint. The kernel is of the hard variety, similar to the Scotch Fife, but is far more productive and one of the best Spring wheats for milling; entirely free from rust. Pkt., 5c; lb., 20c, postpaid; pk., 40c; bu., \$1.25.

SASKATCHEWAN FIFE, (Spring) has all the general characteristics of Scotch Fife, from which it is descended by careful selections. It excels in earliness, hardiness, productiveness, and freedom from smut and all diseases. It is highly endorsed by leading wheat growers. Pkt., 5c; lb., 20c, postpaid; pk., 40c; bu., \$1.25.

HYBRID MEDITERRANEAN WHEAT (Winter). A well-known Winter Wheat. It produces large square heads, with four rows of grain, having short beards. The straw is stiff, of medium length, bronze at maturity. This grain is of a handsome amber red color, hard and flinty, making excellent flour. We recommend it as one of the surest and best for ordinary farms and conditions. Pkt., 5c; lb., 20c, postpaid; pk., 50; bu., \$1.50.

Buckwheat.

Buckwheat should be sown about the 20th of June, broadcast, at the rate of from one to three pecks per acre. The average yield is from 25 to 30 bushels per acre. It should be threshed as soon as dry, for if allowed to stand in mass it quickly gathers moisture.

NEW JAPANESE. This new Buckwheat is rapidly displacing all others and we would advise all growers to give this valuable variety a trial. It ripens early, fully a week sooner than Silverhull, for this reason can be grown farther North than any other variety. The kernels are at least twice the size of other buckwheat and of a shape peculiar and distinct. In color a rich dark shade of brown. The straw is heavier, it branches more and does not need to be sown so thickly as other kinds. It is enormously productive, yielding fully twice as much on the same ground as any other Buckwheat. It manufactures a superior flour. Pkt., 5c; lb., 20c, postpaid; pk., 40c; bu., \$1.25, bags included.

SILVERHULL. A decided improvement on the old black or gray sort.

MANSHURY BARLEY. Sown at the same time as common Buckwheat this variety continues in bloom longer and yields nearly double. The flour is whiter and more nutritious. The grain is of a beautiful light silver gray color; husk is thinner, resulting in a saving in the process of manufacturing into flour. Pkt., 5c; lb., 20c, postpaid; pk., 40c; bu., \$1.25, bags included.

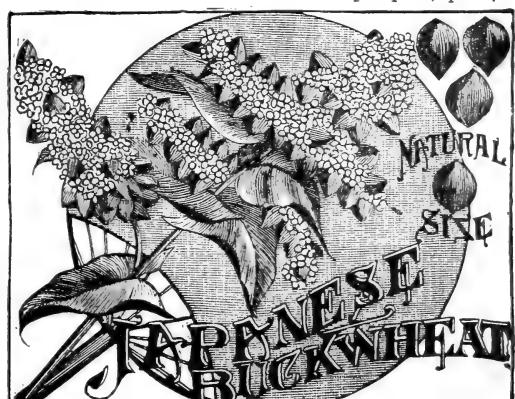
COMMON BUCKWHEAT, Selected. Pkt., 5c; lb., 20c, postpaid; By freight or Express; pk., 30c; bu., \$1.00.

For Seeds of root crops for stock, such as Mangel Wurzel, Beet, Turnip, Ruta Baga, Carrots, Peas and Beans for field sowing, etc., see Vegetable Seed List.

PRICES ON FARM SEEDS SUBJECT TO MARKET CHANGES. PRICES BY THE POUND DO NOT INCLUDE POSTAGE, UNLESS SPECIALLY STATED.



VELVET CHAFF.



SUGAR CANE, FODDER PLANTS, ETC.



KAFFIR CORN.

Among the most valuable of forage plants. The stalks keep green and are brittle and juicy, not hardening like other varieties of sorghum, making excellent fodder either green or dry, and is highly relished by cattle. On either thin or worn lands it yields paying crops even in dry seasons in which common Indian Corn has utterly failed on the same lands. Pkt., 5c; lb., 25c; 3 lbs., 60c, postpaid; express or freight 10 lbs., 75c; 100 lbs., \$4.00, not prepaid, bags included.

KAFFIR CORN.

EARLY AMBER. This is now much grown as a FODDER CROP and found very profitable as such as well as for syrup and sugar making. The name Early Amber is given it because of its earliness and the pure amber color of the syrup obtained from it. When planted between the 1st and 10th of May, the seed almost invariably ripens, yielding 20 to 25 bushels of seed and 140 to 175 gallons of syrup to the acre. It is by far the best variety for sugar and unlike most of the sorghums it is remarkably successful in the extreme North latitudes. Pkt., 5c; lb., 15c, postpaid; 100 lbs., \$4.00, not prepaid, bags included.

KANSAS ORANGE. Habits in all respects similar to the preceding, being constituted to endure Southern summer heat; it ranks South of Illinois as the Early Amber does at the North. It yields more sap and makes more syrup than any other kind. Pkt., 5c; lb., 15c, postpaid; 100 lbs., \$4.00, not prepaid, bags included.

WHITE MILLO MAIZE. Valuable for a forage plant and for its grain, having great capacity to withstand drought. Can be cut at any stage or when heading for fodder. It bears grain in erect full heads and is almost equal to corn for feed for all kinds of stock; also makes excellent meal. 3 to 5 lbs., per acre. Pkt., 5c; lb., 20c, postpaid. By express or freight 100 lbs., \$4.00, bags included.

NON-SACCHARINE SORGHUMS

THE JERUSALEM CORN; A New Forage Plant.

Belongs to the non-saccharine sorghums. It grows about three feet high, makes one large head on main stalk and several smaller heads on side shoots, often as many as eight heads on one stock. The grains are pure white and nearly flat, three pounds of seed being sufficient to plant an acre. Claimed to be one of the best and surest grain crops for dry countries and seasons. Large pkt., 5c; lb., 25c, postpaid; by express or freight 100 lbs., \$4.00, bags included.

BROWN DOUHRA.

Somewhat similar to Jerusalem Corn. This variety is highly valued because of its certainty to produce heavy crops on poor, dry soil. It withstands dry weather better than Kaffir Corn and Millo Maize. The corn is superior food for fowls, and is as good as wheat or barley for horses. As forage the stalks are eaten greedily by cows or sheep. Three to five pounds will plant an acre. Pkt., 5c; lb., 15c, not prepaid; 100 lbs., \$4.00, bags included.

DWARF ESSEX RAPE.

The DWARF ESSEX RAPE is a plant that can be easily grown in nearly all portions of the United States; it thrives in any soil that will produce an abundant crop of Turnips or Corn. Muck swamps particularly, when drained, are capable of producing enormous crops. The seed may be sown in drills, one to two pounds to the acre, or broadcast three to five pounds to the acre. The best results are obtained when sown during the last half of June or the first half of July. The plant is valuable in that it will furnish abundant supplies of succulent, rich and nutritious pasture at the season of the year when it is most needed. It also possesses great merit for green manure, for which purpose there is no better plant adapted where a quick rank growth is desired. Stock raisers will find this economical for putting young cattle, sheep or lambs into proper condition to be sold advantageously in the fall. We have the true Dwarf Essex Rape, which is the right variety to use. Pkt., 5c; oz., 10c; lb., 25c, postpaid. By express or freight, not prepaid, 1lb., 15c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.50, bags included.

Rape will keep a long time in early winter in heaps like shocks of hay. When cut and thus put up at the approach of winter it may be drawn and fed as desired.

For further information regarding the Rape Plant, send to the United States Department of Agriculture, Washington, D. C., for a free copy of the Farmer's Bulletin on the Rape Plant.



DWARF ESSEX RAPE.

VETCHES OR TARES.

This valuable plant for forage can be sown in Spring or Fall. It can be cheaply raised, fed green, cured or ensilaged. Where land is not adapted to hay or is expensive, or pasture is poor or costly it would pay to grow Vetches as a forage crop. Sow broadcast like wheat or barley. Pkt., 5c; lb., 25c, postpaid; pk., \$1.00; bu., \$3.00, not prepaid, bags included.

RYE.

SPRING. This variety has been developed simply by planting Winter Rye, in the Spring and selecting the seed so procured for several years. The standard variety for spring planting. Pkt., 5c; lb., 20c, postpaid; pk., 40c; bu., \$1.20.

WHITE WINTER. Much prized for its straw, also for plowing under as a green manure. The ordinary fall sown variety of which we offer selected stock only. Bu., \$1.25.

Choice Seed Field Corn.

FREIGHT CHARGES PAID BY THE PURCHASER. PRICES INCLUDE SACKS.

Add 15c. per quart if sent by mail. Special quotations on large quantities.

THE varieties of Field corn we offer below are the very best now in general use. Our stock was grown expressly for seed purposes, was well matured and cured with great care. We test all for vitality before sending out.

To avoid delay when ordering late in the season it is well to make a **second choice**, or state if we may select a variety adapted to locality or refund the money should we be sold out of your first choice when order arrives.

PRIDE OF COLUMBIA.

In the Pride of Columbia we have a corn that matures extremely early and is exceedingly prolific, with very small red cob. Grain of a bright yellow color; ears averaging 10 inches in length; uniform in shape; small, tapering, deep kernel, dented somewhat rough; 16-rowed, compactly placed on cob. Seventy pounds of ears have on several tests shelled sixty-two and sixty-three pounds of corn. Makes a much more luxuriant growth of fodder than Pride of the North. This makes it more valuable as a drought resister and more desirable for ensilage. It outyields Pride of the North 10 to 20 bu. per acre. A valuable corn for hog raisers because of its early earing habit. Pkt., 10c; qt., 15c; pk., 40c; bu., \$1.25.

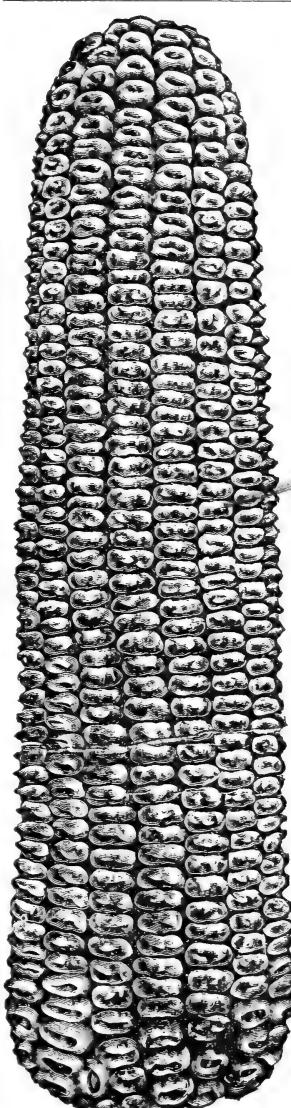
LEAMING. An early Yellow Dent ripening in 100 to 110 days. Ears large and handsome, deep, large grain and small red cob. Stalks medium size, generally producing two good ears each. Husks and shells very easily. Pkt., 10c; qt. 15c; pk., 35; bu., \$1.00.

IMPROVED KING PHILLIP.

Very early. Ears 10 to 12 inches. Kernels copper-colored; smooth and flinty. Pkt., 10c; qt., 10c; pk., 50c; bu., \$1.50.

WHITE DIAMOND DENT.

This corn will mature in 90 days of average corn weather, a strong, vigorous, luxuriant plant. Very prolific; ears medium; cob very small and always white; seventy pounds of ears shelling 63 lbs. of grain. Our crop the past season made 88 bushels of 70 lbs. per bushel on an entire yield of 25 acres. We recommend this magnificent variety. It cannot fail to give satisfaction. Early, prolific, pure, heavy, enormously productive, and is by far the best early white corn on the market. Pkt., 10c; qt., 15c; pk., 35c; bu., \$1.00.



PRIDE OF COLUMBIA

✓ PRIDE OF THE NORTH.

This is undoubtedly the best known of the early Yellow Dents. Ears 8 to 10 inches in length and 1½ inches in diameter. Kernels closely set, above medium size, long, narrow, thin, of deep orange color, shading to pale yellow at the tip. Cob very small and red. In a test, 70 pounds of ears, not selected and but imperfectly dried, produced 60¾ pounds of shelled corn and only 9¾ pounds of cobs, instead of 14 pounds, the usual proportion. Stalks about medium height, 6 to 8 feet. Pkt., 10c; qt., 15c; pk., 35c; bu., \$1.00.

WAUSHAKUM. A yellow 8-rowed Flint. Stalks vigorous and excellent for fodder. Cob white and 8 to 10 inches in length. An exceedingly heavy and productive variety. Pkt., 10c; qt., 15c; pk., 50c; bu., \$1.50.

✓ IOWA GOLD MINE.

Early, ripening only a few days later than the Pride of the North; ears are of good size and symmetrical; color bright golden yellow; grain very deep; cob small; and therefore dries out very quickly as soon as ripe. Seventy pounds of ear corn makes sixty to sixty-four pounds of shelled corn, and in hauling to market it weighs out five bushels more to the wagon load than common varieties in the same size wagon. We have shelled selected ears of this variety which produced sixty-four pounds of shelled corn and only six pounds of cobs to the bushel. Pkt. 10c; qt. 15; pk., 40; bu. \$1.25.

HICKORY KING. White Dent. The cob is small and the grain is so large that when the ear is broken in half one grain will cover the entire end of the cob. Ears from 7 to 9 inches long three to five on a stalk, ripens in from 110 to 120 days. Pkt., 10c; qt., 15c; pk., 50c; bu., \$1.50.

WHITE CAP YELLOW DENT CORN.

This is a much better corn than Leaming for it grows larger ears, is a better sheller, from a week to ten days earlier, and on poor, thin soil will outyield the Leaming at least 30 per cent. The tip ends of the grains are white, the inside yellow. It is suitable for all climates and soils, and is a perfect field corn as to yield, size of ears, color, size of cob and growth of fodder. No corn will stand dry weather as well. Last year grown in a celebrated corn growing section, where 60 other varieties were planted, it outyielded them all, and withstood drought much better. None of it was fired and no dead tassels could be seen, while every other variety was hurt by the severe drought and hot burning sun. Pkt., 10c; qt., 15c; pk., 40c; bu., \$1.25.

POP CORN.

Any of these Pop Corns, $\frac{1}{2}$ lb. 15c; lb. 25c post-paid. 10 lbs. \$1.00 not prepaid.

CHICAGO PARCHING.

Ears 10 to 12 rowed.

GOLDEN FLAKE. Kernels in popping expand to the diameter of an inch. The large ears produced in abundance.

RICE PARCHING. By many preferred for home use.

BROOM CORN.

IMPROVED EVERGREEN. The best known and most popular sort.

Brush green, good length, fine and straight and has no centre stalk. Lb., 15c; pk., 50c; bu., \$1.50.

ENSILAGE AND FODDER CORN.

RED COB ENSILAGE. One of the heaviest cropping varieties, producing 50 to 75 tons per acre. Pk., 25c; bu., 75c.

MAMMOTH SOUTHERN ENSILAGE. A cheap and good food for stock of all kinds. Pk., 35c; bu., \$1.00.

SWEET FODDER CORN. An especially valuable crop for feeding green. The best for sowing broadcast. Pk., 40c; bu., \$1.25; 2 bu., \$2.00; 10 bu., at 85c. per bu., bags included.

FLAX. When grown for seed, sow one bushel per acre; fibre is wanted, sow at the rate of two to three bushels. The soil should be well cultivated. Lb., 10c; 100 lbs., \$5.00

SUPERIOR SEED OATS.

We give below descriptions and prices of the best oats now in cultivation. All are thoroughly cleaned. Price includes bags

NEW ZEALAND. Grown from a few grains sent by a New Zealand farmer to a friend in Iowa. Have proved far superior in yield and quality, weighing from 36 to 45 pounds to the bushel. It is a side oat with long, heavy head, strong, stiff straw, never known to lodge. Lb., 10c; pk., 30c; bu., 80c.

BLACK TARTARIAN. The best black oat in existence. Large, plump, absolutely rust proof, exceedingly prolific, having yielded 100 bushels to the acre. Adapted to all soils. Lb., 10c; pk., 35c; bu., \$1.00; 5 bu., \$4.50.

WIDE AWAKE. Stools very heavily; has strong, straight straw, standing well, grain white, heavy and plump, hardy and vigorous. Lb., 10c; pk., 25c; bu., 75c; 5 bu., \$4.50.

MEXICAN GRAY. Valuable for the Southwest and West as it matures before the hot winds and summer droughts set in. Straw short and stiff, quite free from rust. Lb., 10c; pk., 25c; bu., \$3.50.



If wanted by mail add 15 cents per quart for corn and 8 cents per pound for oats for postage.

Prices on Clover subject to Market Changes. Write for special quotations. If wanted by mail or Express, prepaid, add 8c per lb. to prices named.

ALFALFA, or LUGERNE. (*Medicago Sativa.*)

Alfalfa flourishes in all Western and Southern States and has succeeded admirably in many localities of the North. The great value of alfalfa is in its enormous yield of green fodder, which should be cut when commencing to blossom; it is also highly relished by stock when cured into hay. The roots penetrate the soil to a great depth, they having been found in sandy soil 13 feet long; it is thus able to resist drought, therefore it will grow and yield abundantly in hot, dry sections and on poor, light sandy land. It, however, attains its highest perfection on mellow, well drained high or rolling land, where water readily passes away. Alfalfa is not adapted for heavy, sticky clays, nor for land where water stands a short distance below the surface. The seeds may be sown in the early fall or in the Spring as soon as the frost is out of the ground, in order to catch the Spring rain, as it needs moisture to germinate. Twenty to twenty-five pounds are required per acre if sown broadcast, eight pounds in drills. Thick sowing produces the finest hay, 60 lbs. to the bushel. Lb., 20c, not prepaid; bu., \$6.00; 100 lbs., \$10.00.

MEDIUM RED, or JUNE. (*Trifolium Medium.*)

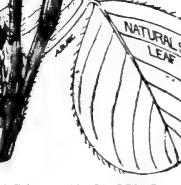
The common Clover in general cultivation; grows 2 to 3 feet high, and is the best for hay. Makes excellent pasturage when sown with Grasses, and is one of the best fodders for milch cows and sheep. When used alone, sow about eight pounds of seed per acre; 60 pounds to the bushel. Lb., 15c, not prepaid. Write for prices in quantity.

MAMMOTH, or LARGE RED. (*Pea Vine, Trifolium Pratense.*)

Grows 4 to 6 feet high. The variety best adapted to plowing under as a green manure, on account of the enormous mass of tops and roots which it produces. It makes an excellent hog pasture. Sow 8 pounds per acre; 60 pounds to the bushel. Market price. Lb., 15c. Write for prices in quantity.

WHITE. (*Trifolium Repens.*)

Low, with creeping stems. It is the best of the Clovers for permanent pasturage, but prefers moist land. Mixed with Blue Grass or Perennial Rye Grass, or Taller Oat Grass, it makes a permanent pasture of great grazing value. Stems fine and palatable, bearing numerous leaves of bright green color blotted with white. Sow 6 pounds per acre when used alone, or 3 pounds with Grass seeds; 60 pounds to the bushel. Lb., 25c, not prepaid; 25 lbs., 20c per lb.



SCARLET CLOVER.

ALFALFA CLOVER.

CRIMSON CLOVER. (*Trifolium Incarnatum.*)

This is an annual clover for fall sowing only, and when ripe to cut for hay or seed it never starts again. It can be sown in August, September or early in October. It can be sown in orchards, in fields of growing crops, or in open ground after some other crop has been harvested. It germinates quickly, grows late in the fall and during warm spells in the winter, when red clover will not think of starting. Makes remarkably rapid growth in Spring and by the first week in May it stands two or three feet high and is in full bloom, ready to turn under as green manure in time for almost any Spring crop. It succeeds on nearly every kind of soil standing northern winter and southern summer. It can be cut for hay and for this purpose grows as easily as common red clover. It thrives on land so poor that the common clover would do but little. 10 to 15 lbs. are required to the acre. Lb., 15c, not prepaid; bu., \$4.80; 100 lbs., \$8.00.

ALSIKE, or SWEDISH. (*Trifolium Hybridum.*)

Hardy, resists extremes of drought and wet, yields large crops of superior pasturage, and much liked by cattle. It is well suited to sowing on lands liable to wash, as its long fibrous roots spread over a wide area, and so interlace and hold the soil as to resist the heaviest rains. Can be planted on any kind of soil. Blossom heads round, resembling White Clover in shape, flesh colored, sweet and fragrant; much liked by bees. Sow 6 pounds per acre in spring or fall; 60 pounds to the bushel. Lb., 20c, not prepaid; bu., \$6.00; 100 lbs., \$10.00.



WHITE CLOVER.

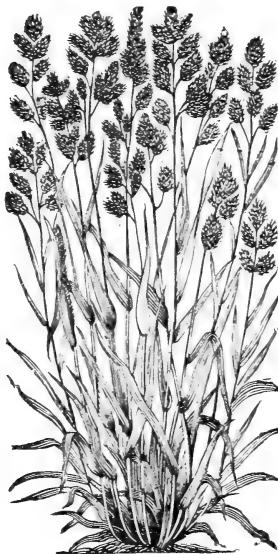
GRASS SEEDS.

A good selection and proper mixture of grass seeds for the various purposes of cultivation, for mowing, for soiling, for permanent pasturage or for an alternate crop, is of vast importance to the agriculturist. Many varieties hitherto neglected are by exhaustive tests proving to be worthy substitutes for the old sorts.

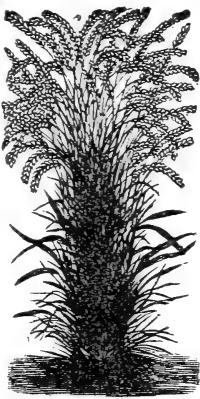
The following list gives names and short description of the very best varieties for general use.

All quotations on grass seeds subject to market changes. Special quotations will be given at any time.

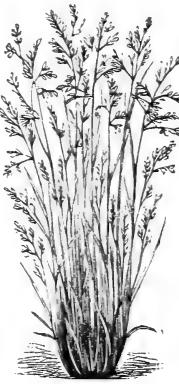
If wanted by mail add 8c. per lb. for postage.



ORCHARD GRASS.



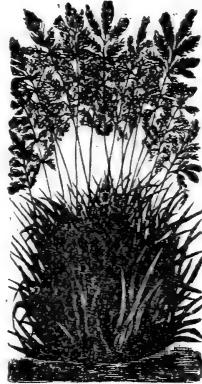
PERENNIAL RYE.



MEADOW FESCUE.



SHEEP'S FESCUE.



KY. BLUE GRASS.

TIMOTHY. (Herd's Grass, Cat's Tail, Phleum Pratense.) Starts late and grows rather slowly, flowering about four weeks after Red Clover. It makes good hay, even if cut a few days after flowering, but will never bear close feeding to horses or sheep; 45 pounds to the bushel. Sow 12 pounds to the acre. Lb. 10c.; large quantities, market price.

ORCHARD GRASS. (Rough Cook's Foot, Dactylis Glomerata.) This is one of the most valuable and widely known of all the pasture grasses.

Its good properties are earliness, rapid growth and power to resist drought. It will endure considerable shade. If cut when in flower, or very soon after, it makes first rate hay; ripe, it makes poor hay. Flowers about the same time as Red Clover. Sow 24 pounds to the acre. Lb. 20c.; 100 lbs., \$16.00.

RED TOP. (Pennsylvania Herd's Grass, Burden Grass, Agrostis Vulgaris.) Thrives best on low lands, where it cuts a good crop of rather light hay of fair quality. Suitable for low pastures. Sow 2 bu. per acre; 14 lbs. to the bushel. Lb. 20c.; 100 lbs., \$9.00.

KENTUCKY BLUE GRASS. (June Grass, Spear Grass, Green Meadow Grass, Poa Pratensis.) Valuable pasture grass and for lawns when mixed with other grasses. It grows well in rather dry soil, but will grow on a variety of soils from the driest knolls to a wet meadow. It endures the frosts of winter better than many other grasses. Flowers in June. Sow about 28 lbs. to the acre early in the spring or during October or November. Lb. 20c.; 100 lbs., \$12.00.

PERENNIAL RYE GRASS. (Lolium Perenne.)

Nutritious and valuable; in most places not excelled by Blue Grass for pasture. It thrives on almost all cultivated soils; starts early and grows all summer. Height seldom over 18 inches. Flowers in June. 24 lbs. to the bushel. Sow 60 lbs. to the acre. Lb. 15c., 100 lbs., \$8.00.

ITALIAN RYE GRASS. (Lolium Italicum.) Yields an early and abundant harvest on any good common soil. Especially recommended for pasture mixtures. Lb. 15c.; 100 lbs., \$7.00.

MEADOW FOXTAIL. (Alopecurus Pratensis.) An excellent pasture grass, early, nutritious, and thrives well on all good soils. The long tender leaves are much relished by cattle. In addition to its being a pasture grass it makes a very good quality of hay. Flowers in June and July. Sow 40 lbs. to the acre. Lb. 20c.; 100 lbs., \$11.00.

MEADOW FOXTAIL. (Alopecurus Pratensis.) One of the finest varieties for permanent pastures, grows rapidly after the cropping of sheep and cattle. It grows well on all soils except the driest sands and gravels, but thrives best on a rich, moist, strong soil. Flowers in May. Sow 25 lbs. to the acre. Lb. 30c.; 100 lbs., \$20.00.

TALL FESCUE. (Festuca Elatior.) Produces large crops on strong, heavy land. Grows naturally in shady woods, roots deeply and stands dry weather remarkably well. Sow 40 lbs. to the acre. Lb. 25c.; 100 lbs., \$18.00.

HARD FESCUE. (Festuca Duriuscula.) A dwarf grass, desirable for dry localities where many other grasses would fail. Sow 30 lbs. to the acre. Lb. 25c.; 100 lbs., \$12.00.

PERENNIAL SWEET VERNAL. (Anthoxanthum Odoratum.) Useful as a mixture with other grasses on account of its early growth. It emits an agreeable odor when cut for hay. Sow 10 lbs. to the acre with other grasses. Lb. 50c.; 100 lbs., \$4.00.

TALL MEADOW OAT GRASS. (Avea Elatior, or Arrhenatherum Avenaceum.) It produces an abundance of foliage and is valuable for pasture, starts early, flowers early and roots deeply. Sow 50 lbs. to the acre. Lb. 25c.; 100 lbs., \$16.00.

WOOD MEADOW GRASS. (Poa Memoralis.) There is no grass better adapted for pleasure grounds, particularly under trees, as it will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 30 lbs. to the acre. Lb. 35c.; 100 lbs., \$30.00.

ROUGH STALKED MEADOW GRASS. (Poa Trivialis.) One of the few varieties that succeed well in moist and sheltered situations, where it produces a constant and abundant supply of nutritive cattle food. Sow 20 lbs. to the acre. Lb. 35c.; 100 lbs., \$24.00.

CRESTED DOGSTAIL. (Cynosurus Christatus.) On dry, hard soils and hills it is valuable for its hardness. Useful for lawn mixtures. Sow 25 lbs. to the acre. Lb. 35c.; 100 lbs., \$28.00.

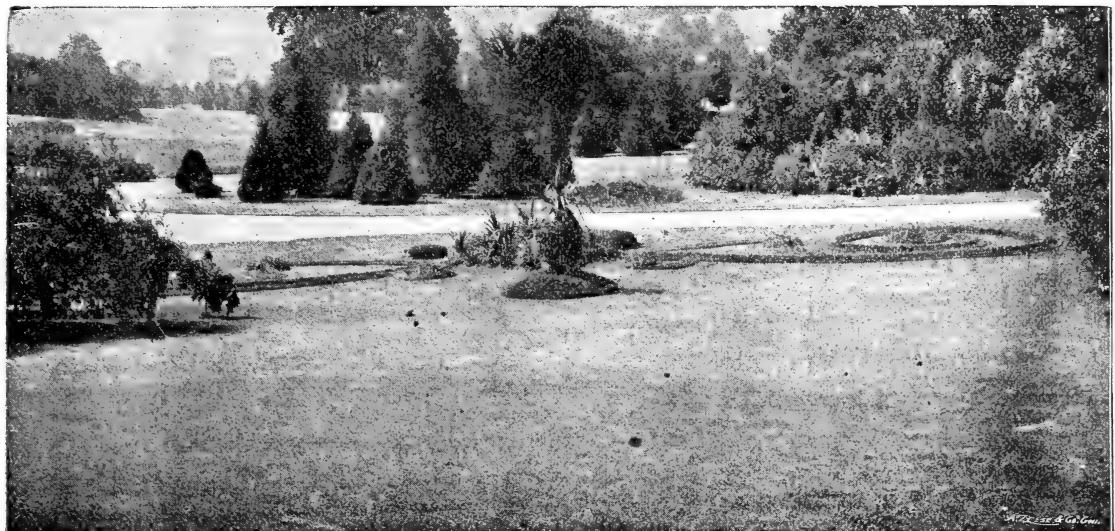
CREEPING BENT GRASS. (Agrostis Stolonifera.) This variety is peculiarly useful for moist places which are occasionally overflowed, but where water does not stagnate. Also valuable for lawns. Sow 20 lbs. to the acre. Lb. 25c.; 100 lbs., \$15.00.

COMMON MILLET. (Panicum Miliaceum.) Height 2 to 3 feet; succulent stems; leaves broad and numerous, grows rapidly, and matures early. Can be planted as late as August and mature a crop of hay the same season. Sow $\frac{3}{4}$ bushel per acre—50 lbs. to the bushel. Bu., \$1.00.

HUNGARIAN MILLET. (Panicum germanicum.) A popular forage grass in dry sections and dry seasons; it endures drought remarkably well. Stalk leafy, 2 to 4 feet high, with slender heads; 48 pounds to the bushel. Sow $\frac{3}{4}$ bushel per acre. Cut when in blossom, and cure the same as clover. Bu., \$1.00.

PEARL MILLET. (Egyptian, East India Millet, Pennisetum spicata.) Sow in light, sandy soil, well-manured. If cut when small, for feeding green, it produces a second crop; is one of the best of fodder crops in the south. Lb. 20c.

GERMAN, or GOLDEN MILLET. A great yielder, and one of the best of hay and fodder crops. Sow $\frac{3}{4}$ bushel per acre—50 pounds to the bushel. Bu., \$1.00.



LAWN GRASS SEED.

A WELL KEPT LAWN may truly be said to be the glory of a country home; without it, the most artistic grouping of Evergreens or the carefully planned and well arranged flower beds would lose their charm. The formation of a lawn direct from seed is an easy matter. The prime requisite is fresh, pure clean seed. After that, a little attention to the proper time to sow, the quantity to use, and the preparation of the soil will insure success.

Barnard's "Perpetual Green" Lawn Grass Seed is a combination of various grasses designed to produce in the shortest time possible a beautiful, dwarf, compact turf which will withstand the extreme heat of our summer and insure a rich, deep green sward throughout the entire season. This mixture is unequalled for tennis and croquet grounds. In its preparation seeds of the very best quality, highest grade, carefully recleaned and as free from weeds as it is possible to make them are used. One pound will sow a plot of 15x20 or 300 square ft.; 4 bushels (56 lbs.) to the acre.

Price, per lb., 35c. postpaid. **Not prepaid**, 1 lb., 25c. 5 lbs. or more at 20c. per lb., bags included.

Full printed instructions for the "**Preparation and Care of Lawns**" are inclosed in every package or bag of Grass Seed.

DRY, CLEAN, ODORLESS LAWN FERTILIZER

sowing the seed. If the lawn needs a little renovating on a light dressing of fertilizer, over the bare spots, after the leaves have been removed, and a sprinkling of lawn grass seed will enhance its appearance. The fertilizer can be applied as a top dressing as soon as the frost is out of the ground.

Chicago Lawn Fertilizer is a preparation in which the enriching qualities of stable manure are found without any objectionable features. Stable dressing is unpleasant to handle and in other ways but worst of all is, that it always contains more or less weed seeds. **There are no weed seeds in this fertilizer.** In preparing ground for a new lawn scatter, say twenty five pounds on every thousand sq. ft. and rake it in thoroughly before

QUANTITIES TO USE AND PRICES.

10-lb. bag for 1,000 sq. ft. of lawn, or 500 sq. ft. of garden.....	\$.50
25-lb. bag for 2,500 sq. ft. of lawn, or 1,200 sq. ft. of garden.....	1.00
50-lb. bag for 5,000 sq. ft. of lawn, or 2,500 sq. ft. of garden.....	1.75
100-lb. bag for $\frac{1}{4}$ acre of lawn, or $\frac{1}{2}$ acre of garden.....	3.00
200-lb. bag for $\frac{1}{2}$ acre of lawn, or $\frac{1}{4}$ acre of garden.....	5.50

Not prepaid

GRASS SEED MIXTURES FOR MEADOW AND PERMANENT PASTURES.

In the preparation of these mixtures for Permanent Pasture and Mowing, the greatest care is exercised in selecting such varieties as are suited to the soil to be laid down and are likely to realize the object in view. To facilitate this, a description of the soil, whether light, medium or heavy, also climate, the range of temperature, and the purpose for which sown, and if with or without a crop, should accompany order.

Mixture for Permanent Pastures on most good loam and clay soils.

	LBS.
Perennial Rye.....	4
Blue Grass.....	4
Red Top.....	4
Orchard Grass.....	6
Timothy.....	4
Meadow Fescue.....	2
Meadow Fox Tail.....	4
Red Clover.....	1
Alsike Clover.....	1
30 lbs., sufficient for one acre.....	\$4.25

Mixtures for lighter soils, more or less gravelly or sandy.

	LBS.
Perennial Rye.....	3
Timothy.....	5
Tall Meadow Oat.....	8
Crested Dog's Tail.....	2
Orchard Grass.....	3
Hard Fescue.....	2
Sheep's Fescue.....	3
White Clover.....	1
Red Clover.....	2
Alsike Clover.....	1
30 lbs., sufficient for one acre.....	\$4.25

Mixture for wet soils.

	LBS.
Red Top.....	5
Fowl Meadow.....	4
Perennial Rye.....	4
Blue Grass.....	4
Orchard Grass.....	4
Creeping Bent.....	1
Meadow Fescue.....	2
Timothy.....	4
Red Clover.....	1
Alsike Clover.....	1
30 lbs., sufficient for one acre.....	\$4.25



MISCELLANEOUS SEEDS.

TREE SEEDS.

by packet, ounce and pound include postage; larger quantities go by express or freight at buyer's expense. Write for special prices on large lots on any not here mentioned.

White Ash. One of the most valuable to transplant or grow from seed. A very rapid grower. The seed usually lies dormant the first season but is sure to grow the next year if ground is undisturbed. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c. postpaid; 5 lbs., not prepaid, 90c.

Catalpa Speciosa. This hardy variety is exceedingly successful on the Western and Northwestern prairies. It is of rapid growth, easily transplanted and an excellent timber tree. Has beautiful flowers and the tree presents a handsome appearance, 1 lb. contains about 20,000 seeds. Pkt., 5c.; oz., 10c.; lb., 65c. postpaid, 5 lbs., not prepaid, \$2.50.

	Pkt.	Oz.	Lb.
AMERICAN ARBOR VITÆ.....	5	15	\$ 1.75
BALSAM FIR.....	5	20	2.00
CEDAR, RED.....	5	10	60
CHESTNUT, GIANT JAPAN		10	75
LARCH, EUROPEAN.....	5	10	1.00
LOCUST, HONEY. 5 lbs. not p'd. \$1.25		5	45
LOCUST, BLACK OR YELLOW		5	40
MAPLE, SUGAR.....	5	15	1.00

We have an extensive demand for tree seeds for timber claims, and carry a large stock of the most valuable sorts. Prices

by packet, ounce and pound include postage; larger quantities go by express or freight at buyer's expense. Write for

special prices on large lots on any not here mentioned.

Box Elder. Very easily grown. Wood close and fine grained. A rapid grower and makes good shade. Soak seeds before planting. One pound contains 15,000 seeds. Oz., 5c.; lb., 30c. postpaid; 10 lbs., not prepaid, \$1.75.

Soft or Silver-Leaved Maple. Extensively planted on account of its rapid growth. Seeds ripen in May and should be planted as soon after being taken from the tree as possible as they lose vitality if kept any length of time. One of the most beautiful maples. Pkt., 5c.; oz., 10c.; lb., 50c. postpaid.

	Pkt.	Oz.	Lb.
MULBERRY, RUSSIAN.....	5	20	\$ 2.00
OSAGE ORANGE, Bu. (33 lbs.) \$6.00.....		5	30
PINE SCOTCH	5	20	2.00
SPRUCE, DOUGLAS.....	10	40	4.00
SPRUCE, NORWAY.....	5	10	1.25
WALNUT.....		10	75

Fruit Seeds.

It is a well known fact that seedling fruit trees and small fruit plants are more prolific than those propagated from cuttings. Seeds of small fruits germinate slowly and should be sown early

	Pkt.	Oz.	Lb.
Apple Seed. 10 lbs. not p'd. \$2.25		10	\$ 40
Blackberry, mixed sorts.....	10	50	
Cherry Pits		10	50
Currant, Red.....	10	50	
" White	10	50	
" Black	10	50	
Gooseberry, English sorts, mixed...	10	50	
Peach pits Bu. (50 lbs.) \$2.00.....		20	
Pear, French.....	5	20	2.00
Raspberry, mixed	10	30	
Strawberry, large fruited.....	10		
Wineberry, Japanese.....	15		

BIRD SEEDS.

We always have a full stock. Add 10c per lb. for postage. Write for latest quotations on large quantities as the market fluctuates.

Mixed Bird Seed, Lb.	6c., 10 lbs. \$.50
Canary, per lb.	6c., 10 lbs. 50
Hemp, per lb.	6c., 10 lbs. 50
Rape, per lb.	6c., 10 lbs. 50
Millet, per lb.	5c., 10 lbs. 40
Sunflower, per lb.	10c.; 10 lbs. 70c.; 25 lbs. \$1.25.

FLAT PEA. (*Lathyrus Sylvesteris*.) A new perennial forage plant which has several valuable properties to commend it to farmers, etc. It does well on poor, thin, sandy soil, roots run deeply so that it is unharmed by heavy drouths or severe frost. It yields abundant forage, and, plowed under, has excellent qualities as a fertilizer. Sow in April or May in drills about eighteen inches apart, two inches deep and three inches apart in the row. Seeds require about three weeks to germinate. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.50.

Wild Rice. (*Zizania Aquatica*.) A valuable plant for furnishing food for water fowl. We can recommend it to sportsmen's clubs for wild duck feeding. Cattle like it; at the South two crops can be cut of it in one season. It makes good hay and purifies the water in which it grows. Lb. 30c. postpaid. Bu. (20 lbs.) \$3.50.

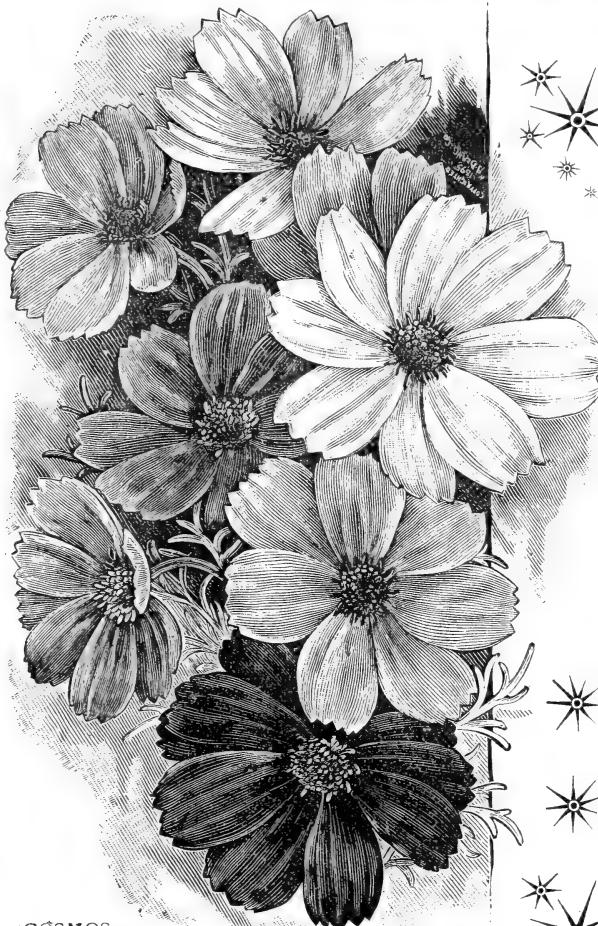
PEANUT, MAMMOTH Virginian. The pods are much larger than the ordinary sort and almost every pod is well filled. Habit erect; very easily grown. Pkt., 10c.; lb., 35c. postpaid.

Spanish Peanut. This is a good variety which to fatten hogs. The pods are small, remarkably solid and well filled. Pkt., 10c.; lb., 35c. post paid.

CHUFAS or EARTH ALMONDS. (*Cyperus Esculentus*) Much used in some sections to fatten hogs. It has the advantage over Jerusalem Artichoke that it is easily eradicated. The roots being very near the surface are easily reached by poultry who will destroy them if given a chance. A peck will plant an acre. Sow in April in rows 3 ft. apart and about 10 inches apart in the row. Pkt., 10c.; qt., 35c. postpaid. peck, not prepaid, \$1.50.

**Barnard's
"Perpetual Green"
Lawn Grass Seed.**

Special attention is called to our "Perpetual Green" Lawn Grass Seed. It is the best lawn grass seed for our climate and never fails to give satisfaction. Lb. 35c. postpaid. Lb., 25c.; 5 lbs., \$1.00 not prepaid. For Clover, Blue Grass etc., see preceding pages.



COSMOS.

New Mammoth Strain.—See Novelties.

Flower Seeds.

GENERAL LIST.

OUR flower seeds are grown by contract with home and foreign growers, who, on account of their integrity, special facilities and location are able to produce the different varieties in greatest perfection. This arrangement gives us also the advantage of receiving all seeds as soon as harvested and in shipping condition, thus enabling us to keep but strictly fresh and reliable seed.

Our success with florists and leading amateur purchasers supplying them season after season with tested seed has secured us the confidence of the most critical buyers and all we ask of our customers is a trial.

REDUCED PRICES. Many seeds are much more costly to raise than others. We have carefully revised our entire list, giving our friends the full benefit of cost of production, but **maintaining the quality** of the seeds and the same **generously filled packets** as before.

DIRECTIONS FOR SOWING, ETC. Cultural directions are printed on every packet of seed sent out by us. In this catalogue we use the following abbreviations to classify varieties:

A. To designate **Annuals**. Plants which flower, bear seeds, and die within the same year in which they are sown.

B. To designate **Biennials**. Plants which live two years; flowering and producing seeds the second season.

P. To designate **Perennials**. Plants which flower and bear fruit for a number of years in succession.

H. for **hardy**. **H. H.** for **half hardy**. **T.** for **tender**. **C.** for **climber**.

PLEASE ORDER FLOWER SEEDS BY NUMBER, as it will save time in executing your order. All Flower Seeds will be sent prepaid at prices mentioned in this Catalogue.

LIBERAL DISCOUNT ON SEEDS IN PACKETS.

To assist our customers in combining orders with neighbors, and at the same time encouraging liberal use of our **tested seeds**, we are making the following reductions on seeds in **packets**:

For \$1.00 you may select seeds to the value of \$1.30
For \$2.00 you may select seeds to the value of \$2.70

For \$3.00 you may select seeds to the value of \$4.00
For \$4.00 you may select seeds to the value of \$5.50

This special discount is for flower and vegetable seeds **in packets** at regular Catalogue prices only, and does not include those sold by weight nor collections.

ABRONIA.

Beautiful, sweet scented trailing plant, bearing flowers in large trusses like the Verbena. Desirable for beds, rock work and hanging baskets.

2000. **Umbellata**. Rosy lilac, with white center; 6 in. H. H. A. Pkt., 3c.

ABUTILON (Flowering Maple.)

Free blooming plants for green house and window culture; also succeeding well in the open ground in the summer. Sow under glass before April and plants will bloom first season. Flowers bell-shaped; 5 to 6 ft. H. H. P.

2001. **Fine Mixed**. White, yellow, rose, red. Pkt., 10c.

2004. **ACONITUM Napellus** (Monkshood.) Showy plants, producing handsome dark blue flowers. Thrives well under trees, shrubs and in other shaded positions. Height, 3 to 4 ft. H. P. Pkt., 5c.

ADLUMIA CIRRHOSEA.

(MOUNTAIN FRINGE, OR ALLEGHENY VINE.)

2023. A pretty and graceful climber with finely cut, pale green leaves. Produces abundance of pale pink flowers in summer. Does best in a moist cool situation. Pkt., 5c.

ADONIS.

Showy border plant of easy culture; dark green leaves. 2002. **Aestivalis**. (*Flos Adonis.*) Scarlet. 1 ft. H. A. Pkt., 3c.

2007. **Autumnalis**. (*Pheasant's Eye.*) Crimson, black center; 1 ft. H. A. Pkt., 3c.

2012. **Vernalis**. Large, yellow flowers, hardy perennials; they bloom early in the spring. 9 in. Pkt., 5c.

AGATHEA (MARGUERITE.)

2017. The flowers are the very counterpart of Paris Daisy, except color, which is a sky blue with a yellow disk. 2 ft. H. A. **Cœlestis** (*Blue Marguerite*), celestial blue. Pkt., 5c.

AGERATUM.

EXCELLENT plant for bedding out in summer and valuable for winter blooming in the house. Much used by florists for bouquet making. They do well in any soil and situation. H. A.

- 2024. **Imperial Dwarf Blue.** Dwarf. 9 inches. Pkt., 3c.
- 2025. — — — **White.** Very pretty. 9 inches. Pkt., 3c.
- 2032. — — — **Mixed.** Pkt., 3c.
- 2041. **Mexicanum, Blue.** 18 inches. Pkt., 3c.
- 2033. — — — **White.** 18 inches. Pkt., 3c.
- 2038. — — — **Mixed.** Tall. Pkt., 3c.



AGERATUM MEXICANUM.

AMARANTHUS.

Showy, rapid growers with highly colored foliage which produce a charming effect in the flower garden. Sow seed early and set out in rather poor soil in May or June to get best effects in color. H. H. A.

- 2045. **Bicolor Ruber.** Foliage green and dark red tipped with yellow. 3 ft. Pkt., 3c.
- 2046. **Caudatus. (Love Lies Bleeding.)** Long, dark red drooping flower spikes. 2 to 3 ft. Pkt., 3c.
- 2048. **Henderi.** Foliage drooping, brilliant crimson with yellow and olive green. 3 ft. Pkt., 5c.
- 2049. **Melancholicus Ruber.** Dark crimson. Much used for bedding. Pkt., 3c.
- 2051. **Salicifolius. (Fountain Plant.)** Drooping, willow-shaped leaves, handsomely variegated. 3 ft. Pkt., 5c.
- 2056. **Tricolor. (Joseph's Coat.)** Leaves bright red, yellow and green. 2 ft. Pkt., 3c.
- 2055. **Many varieties mixed.** Pkt., 3c.



ALYSSUM.

ALYSSUM.

An old favorite on account of the delicate, honey-like fragrance of its flowers which are produced in great abundance. A beautiful plant for edging borders and for culture in pots and baskets.

- 2057. **Maritimum.** The well known "Sweet Alyssum." White. Extremely fragrant. H. A. 6 to 9 in. Oz., 25c.; Pkt., 3c.

- 2068. **Maritimum Compactum.** A charming dwarf variety with erect flowers. H. A. Pkt., 3c.

- 2069. **Saxatile Compactum.** Deep golden yellow. Pkt., 5c.

- 2058. **Wiersbeckii.** Summer flowering; deep yellow. 1 ft. H. P. Pkt., 5c.

ALTHEA.—See Hollyhock.



ANTIRRHINUM.

ANTIRRHINUM (SNAPDRAGON.)

An old garden favorite with dark, glossy leaves and oddly shaped flowers. The tall sorts yield an abundance of cut flowers, while the dwarf varieties make pretty edgings. Survives the winter with slight protection. H. H. P.

- 2078. **Majus.** Tall sorts, mixed. 2 ft. Pkt., 3c.
- 2080. **Nanum.** Dwarf varieties, mixed. 2 ft. Pkt., 3c.

ASPERULA ODORATA.

2079. Commonly known as "Sweet Woodruff." When dried this plant diffuses an odor much like new mown hay, imparting an agreeable perfume to clothes when kept among them. Suitable for shady places. 1 ft. H. A. Pkt., 5c.

AQUILEGIA.—(COLUMBINE.)

Very handsome, early flowering, hardy plants, desirable for the great variety of color and novel shape of the flowers; 2 ft. H. P.

- 2091. **Alba.** Double white. Pkt., 5c.
- 2092. **Californica Hybrida.** Red and yellow. Pkt., 10c.
- 2097. **Chrysanth.** Golden yellow, dwarf, with beautiful pure white long-spurred flowers. Pkt., 5c.
- 2098. **Cœrulea.** Single long spurs, blue and white, superior. Pkt., 10c.
- 2100. **Single.** Finest mixed. Pkt., 3c.
- 2102. **Double.** Finest mixed. Pkt., 3c.

AGROSTEMMA.

Handsome, free flowering plants, very neat for borders and also useful for cut flowers. If planted closely in beds they thickly cover the ground with a constant profusion of flowers. 1 to 2 ft. H. A.

- 2071. **Finest Mixed.** Pkt., 3c.

AMPELOPSIS VEITCHII.

(JAPANESE OR BOSTON IVY.)

2077. A beautiful hardy climber, fast becoming a favorite. It fastens itself by rootlets to the surface of anything upon which it is trained, and needs no support; this habit makes it especially adapted for covering walls, old trees, arbors, etc. Leaves small, deeply cut, olive green, changing to bright scarlet in autumn; 50 ft. H. P. Pkt., 10c.

For prices on plants—see Plant List.

AURICULA.

2084. A well known favorite in European gardens, bears magnificently colored flowers in umbels. H. P. Pkt., 10c.

ANEMONE (Windflower.)

2085. Easily grown from seed; blooms in autumn. Bulbs may be taken up and stored away during winter like Dahlias. H. P.

Mixed Colors. Pkt., 5c.



COMET ASTER.

TRUFFAUT'S PÆONY PERFECTION.

A standard strain with all growers and conceded to be of the most perfect type. Plants pyramidal and branching in habit with large, beautifully incurved flowers like a double Chrysanthemum. Colors unsurpassed. The desirable varieties are:

- 2136. Pure White. Much used by florists. Pkt., 7c.
- 2137. Rose. A bright shade. Pkt., 7c.
- 2138. Gravelotte. Deep blood red; most striking. Pkt., 7c.
- 2139. Light Blue. A soft and pretty shade. Pkt., 7c.
- 2145. Dark Blue. While dark not dull; desirable. Pkt., 7c.
- 2146. Dark Crimson. A deep rich color. Pkt., 7c.
- 2156. La Superbe. Sky-blue, tipped white. Pkt., 7c.
- 2161. Mixed Colors. Great variety of color. Pkt., 5c.
- 2162. Collection of Six Distinct Colors. Pkt., 25c.

MIGNON ASTER.

2167. Pure White. Resembles the Victoria class in height and form but blooms more freely. The flowers are of fine form and keep fresh a long time. Exceedingly attractive in the garden and **decidedly one of the finest Asters for cut flowers.** Height, 1½ ft. Pkt., 10c.

2168. Mignon Mixed. Many new shades, affording a splendid variety of this fine Aster. Pkt., 10c.

COCARDEAU, OR CROWN ASTER.

2174. Flowers double, of most beautiful colors, the center in all cases being white. Striking and beautiful. 2 ft. Mixed colors. Pkt., 7c.

PEARL ASTER.

Magnificent strain, superior to most others. The plants grow in bush form of robust and very vigorous habit and are covered with very large, double, globular flowers, fully imbricated and **borne on long stems.** Adapted for pots and borders and **valuable for cut flowers.** Height, 15 inches.

- 2179. White. Pkt., 10c.
- 2180. Bright Rose. Pkt., 10c.

CHICAGO FLORISTS' WHITE ASTER.

2178. A strain produced by crossing the Victoria and Truffaut Asters. The flowers are pure white, globular, borne of long stems and last a long time. The best selling White Aster among Chicago florists. 10c.

ASTERS.

NO other annual equals the Aster for magnificent display during the summer and autumn months and their coming into bloom when most other flowers are fading away, makes them very valuable. Of the many strains of Asters we have selected the best for garden and cut-flower purposes. The seeds we offer are saved from the best double flowers, imported direct from the growers and we are certain they will give satisfaction either to the professional or amateur gardener.

COMET ASTER.

A handsome and distinct class, in shape of flowers resembling a Japanese Chrysanthemum, the petals being long and twisted or curled and wavy. Height, 18 inches.

2107. Pink bordered White. Strikingly beautiful and unique. Pkt., 10c.

2112. Deep Rose. Very showy. Pkt., 10c.

2123. Light Blue. A charming shade. Pkt., 10c.

2124. Snow White Giant. Very pretty snow white sort, having large flowers and more curled than others in this class. Pkt., 10c.

Fine Mixed. Several beautiful colors. Pkt., 10c.

SNOWBALL OR PRINCESS ASTER.

2126. A splendid white variety of an entirely new class that originated from the Mignon Aster. A single plant develops as many as 30 pure white flowers of faultless form. The imbricated petals are short and very thickly set. The long keeping qualities of the flowers make the Snowball Aster especially desirable for cutting. Pkt., 10c.

JEWEL OR BALL ASTER.

A short petalled type of the Pæony-flowered class. The plants are the same height; the flowers measure 2½ to 3 inches across, are as round as a ball, and being long stemmed are useful for cutting. Height, 20 to 24 inches.

2127. Purple Violet. Distinct color. Pkt., 10c.

2133. Apple Blossom. Delicate pink. Pkt., 10c.

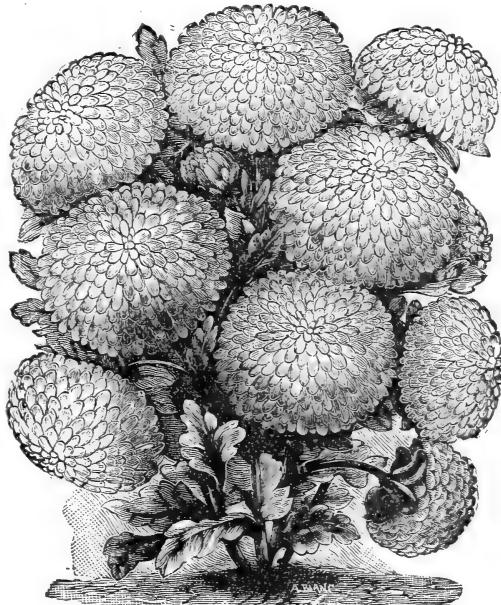
2134. Deep Rose. Fine shade. Pkt., 10c.

2135. Rose and White. Handsome. Pkt., 10c.

NEEDLE ASTER.

This has large, very double flowers; the petals are in the form of quills or tubes and sharply pointed. Height, 1½ ft.

2172. Choice Mixed. Several colors. Pkt., 10c.



PEARL ASTER

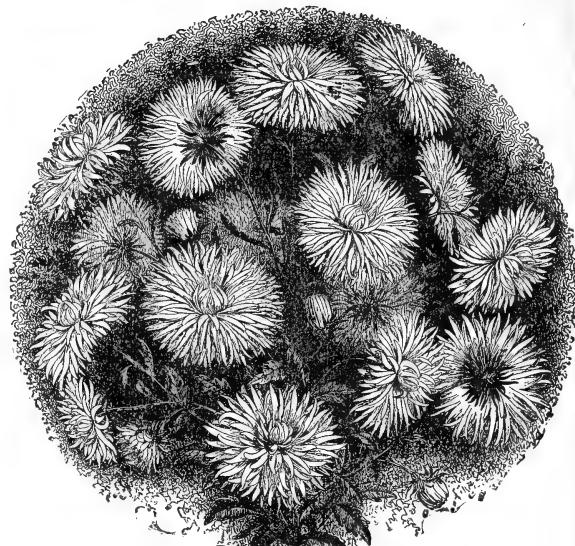
WHITE BRANCHING ASTER.

2195. This fine new Aster is a strong grower and has a marked branching habit. The flowers are of great size, extremely graceful, pure white, and are borne upon long stems. Petals curled and twisted. Blooms very late in the season, when there is an almost scarcity of flowers Pkt., 10c.

VICTORIA ASTER.

This is by many considered the standard of perfection. The flowers are very large, extremely double, and nearly globular in shape, having very long center petals. Plant grows about 20 inches high, is vigorous in growth, pyramidal in habit, and bears from 10 to 20 flowers. Adapted for culture in pots or in the garden. Our seed of this popular class is of highest and purest quality.

2196. White. Very pure when matured; fine for florists Pkt., 7c.
 2197. Rose. An attractive shade Pkt., 7c.
 2198. Light Blue. A fine shade Pkt., 7c.
 2199. Dark Blue. Not excelled for its color. Pkt., 7c.
 2200. Carmine. Very fine Pkt., 7c.
 2201. Crimson. A very deep shade Pkt., 7c.
 2202. Mixed Colors. None but the best shades used Pkt., 7c.
 2203. Collection of Six Distinct Colors 35c.



NEW WHITE BRANCHING ASTER.

WHITE PLUME ASTER.

2204. An entirely distinct form of this popular flower. The petals are *pure white*, being long, flat and reflexed, as shown in the engraving, greatly resembling a Chrysanthemum in appearance. It is decidedly unique and exceedingly beautiful Pkt., 10c.

TRIUMPH ASTER.

2206. The most beautiful of all dwarf Asters; about 8 inches high, each plant made up of a dozen or more branches. The individual flowers measure $2\frac{1}{2}$ to 3 inches across, and are of most perfect form. The color is peculiarly rich and brilliant, deep scarlet at opening, changing as the flower matures to a satiny scarlet Pkt., 7c.

DWARF GERMAN ASTER.

2241. An old fashioned sort, extremely popular. Double flowers of bright showy colors. Mixed Pkt., 5c.

DWARF BOUQUET ASTERS.

A charming class. Plants grow about 8 inches high, each one forming a neat bouquet. The best variety for lines and edgings.

2242. White Pkt., 5c. 2244. Pink Pkt., 5c.
 2243. Crimson Pkt., 5c. 2245. Dark Blue Pkt., 5c.
 2246. Mixed Colors Pkt., 5c.



WHITE PLUME ASTER.

2205. Special Mixture of Dwarf Asters. To aid such of

our customers who are unable to make a suitable selection from above, we have made a *special mixture*, including all the leading varieties and colors, and suitable for cultivation either in pots or the open border Pkt., 5c.



2208. Special Mixture of Tall Asters. This is a splendid mixture of long stemmed Asters, selected from the most desirable sorts, and includes the very best. The wide range of varieties and colorings in this mixture will please the most fastidious Pkt., 5c.

2209. Perennial Asters. Their starry flowers are produced in great abundance in autumn. They are very beautiful, and continue in bloom for many weeks. Easily raised from seed. Many sorts mixed Pkt., 5c.

SEE NOVELTY PAGES FOR NEW ASTER.

TRIUMPH ASTER.

• BALSAMS—LADY SLIPPER, TOUCH ME NOT.

ONE of the oldest and best known of all annuals, greatly improved in the last few years by care and attention. The flowers are brilliantly colored, large and extra double. To obtain very double flowers the plants should be raised in the house or hot-bed and transplanted into very rich soil in a sunny position. Set them about 15 inches apart and stimulate with manure water. H.H.A.

ROSE-FLOWERED BALSAMS.

An excellent strain. Very double, full centre, fine form. The best Balsams for Florists.

2246. Pure White. Pkt., 5c.	2260. Scarlet. Pkt., 5c.
2249. White, Rose tinted. Pkt., 5c.	2262. Crimson. Pkt., 5c.
2254. Pale Yellow. Pkt., 5c.	2263. Lilac. Pkt., 5c.
2255. Rose. Pkt., 5c.	2264. Mixed. Pkt., 3c.
2265. Collection of 12 varieties, each color separate, 50c.	

IMPROVED CAMELLIA-FLOWERED BALSAMS.

We pay special attention to these as there is a great demand for them by florists, to whom we sell largely.

2266. Scarlet. Fine shade. Pkt., 10c.	2267. Crimson. Dark and bright. Pkt., 10c.
2268. White. Very pure and very double. Pkt., 10c.	2272. Yellow. Light lemon yellow. Very fine shade. Pkt., 10c.
2273. Camellia-Flowered Balsams. Mixed. Pkt., 5c.	
2278. Solferino. White, spotted and striped with scarlet and lilac. Very fine. Pkt., 5c.	

WHITE PERFECTION BALSAMS.

2279. The finest double white Balsam grown. The flowers are remarkably large, round, and of great substance. Pkt., 5c.

2280. CARNATION-STRIPED BALSAM. They are very showy but not so double as the Camellia-flowered. Mixed Colors. Pkt., 5c.



CAMELLIA-FLOWERED BALSAMS.

2285. MIXTURE OF FINEST DOUBLE BALSAMS, embracing all above shades and colors. Pkt., 5c.

BELLIS PERENNIS (DOUBLE DAISY).

Charming plants, desirable for pots, edgings and borders. Thrive well in shady places. Sow seeds very early. 6 inches. H. H. P.

2301. Double White. Finest imported seed, saved from the most perfect flowers of great size and extremely double. Pkt., 5c.
2307. Double Mixed. An unsurpassed strain. Pkt., 5c.
2308. Longfellow. Double, dark pink flowers on long stems. Comes true from seed. Pkt., 5c.
2309. Snowball. A sport of Longfellow with pure white flowers. Very free blooming and valuable for cutting. Pkt., 5c.

NEW GIANT DAISIES.

2310. Remarkable for the immense size of the flowers. Many average from $1\frac{1}{2}$ to 2 inches in diameter, being of the most perfect form; very double and ranging in color from the finest snow white to pink and blood red, with the most pleasing combination of pink and white. Pkt., 10c.

For Blue Daisy, see Agathea.

CALCEOLARIA.

Unsurpassed for pot culture. Mostly T. P.

2325. Grandiflora. Tall Mixed. 18 inches. Pkt., 25c.
2326. — Pumila Compacta. Dwarf mixed. Pkt., 25c.
2327. Rugosa. Small flowering; for bedding. Pkt., 25c.

CALENDULA. (Pot Marigold.)

Profuse bloomers, splendid for garden or pot culture. The large perfectly double star-shaped flowers are much valued for cutting. H. A. 12 inches.

2333. Pongei, fl. pl. Double white flowers. Pkt., 3c.
2334. Meteor. Double, light orange, striped. Pkt., 3c.
2339. Prince of Orange. Double; dark. Pkt., 3c.
2344. Ranunculoides. Double orange, fine. Pkt., 3c.
2349. Superba. Double rich, yellow, dark eye. Pkt., 3c.
2350. Officinalis, fl. pl. This new variety of improved compact growing Pot Marigolds excels by its very large and extremely double flowers, possessing a very attractive fine light yellow color. Pkt., 3c.
2328. Mixed. Pkt., 3c.

2384. CALAMELLIS Scabra. A quick grower, climber with light orange-colored flowers in great abundance. 10 ft. H. H. P. Pkt., 3c.

2385. CALANDRINIA Umbellata. Beautiful creeping plants, adapted for planting in rock-work or edgings. Bright crimson. 6 inches. H. A. Pkt., 3c.



BELLIS PERENNIS.

BEGONIAS.

Tuberous Rooted Begonias have of recent years become most popular bedding plants. From a packet of seed, sown in February or March, hundreds of plants which will bloom all summer may be raised. The flowers measure three or four inches in diameter and are much more brilliant and attractive than Geraniums. In the fall lift the tubers and store in the cellar as you would Gladiolus. T. P.

2291. Single, in finest mixture. Pkt., 20c.
2292. Double, Magnificent strain, from prize plants. 20c.
2297. BEGONIA REX. Grown for their large, handsomely marked leaves. Pkt., 20c.

2298. STRIPED BEGONIAS. The flowers are marked or striped after the manner of a Carnation. *An entirely distinct class.* Pkt., 25c.

2300. B. VERNON. Three years experience with this splendid variety, justifies us in coming again commanding it. It is easily grown from seed and thrives everywhere. Literally covered all summer with orange-colored flowers; leaves green changing to glossy red. *Be sure to include this in your order.* Pkt., 10c.

For Begonia Bulbs, see List of Bulbs.

2329. BROWALLIA. Free blooming plants with rich, delicate flowers. Splendid for bedding in Summer and for house culture if sown in Autumn. $1\frac{1}{2}$ ft. H. H. A. Mixed Colors. Pkt., 3c.

BALLOON VINE (Love in a Puff.)

2290. A pretty, rapid growing annual climber; thrives in light soil in a warm situation. Flowers white. 5 ft. Pkt., 3c.

CAMPANULA.—Canterbury Bell.

A genus of exceedingly beautiful annuals and perennials, all of which are characterized by richness of color and profusion of bloom. Desirable for garden or house culture. The biennial variety is the well-known Canterbury Bell. 2½ ft.

2362. **Carpatica.** A hardy herbaceous perennial; single, blue; pretty; ½ ft. Pkt., 5c.

2363. **Carpatica Alba.** Similar to preceding; white; ½ ft. Pkt., 5c.

CANTERBURY BELL.

2364. **Double Rose.** Pkt., 10c. 2368. **Single Rose.** Pkt., 5c.

2365. " **White.** Pkt., 5c. 2369. " **White.** Pkt., 5c.

2366. " **Blue.** Pkt., 5c. 2370. " **Blue.** Pkt., 5c.

2367. " **Mixed.** Pkt., 5c. 2374. " **Mixed.** Pkt., 3c.

2371. (**CUP AND SAUCER.**) Calycanthema. Highly ornamental, new and handsome variety, flowers large, beautiful colors, resembling somewhat in shape a cup and saucer. ½ ft. Mixed. Pkt., 10c.

CACALIA. (Tassel Flower.)

Showy and free flowering plants, with tassel-shaped flowers. Easily grown; 1½ ft. H. A.

2380. **Aurantiaca.** Golden yellow; pretty. Pkt., 5c.

2382. **Coccinea.** A bright scarlet, very attractive. Pkt., 5c.

2383. **Mixed Colors.** Pkt., 5c.

CANDYTUFT.—Iberis.

A dwarf annual of the easiest culture, very free blooming and exceptionally showy and useful for beds, borders and edgings. Sow the seed early in the spring where they are to bloom.

2373. **New Carmine.** Very desirable. Pkt., 5c.

2374. **Dunnett's.** A rich shade of crimson. Pkt., 5c.

2379. **EMPRESS.** Handsome pyramidal form. The flowers are pure white and much larger than the ordinary kinds, often 5 to 8 inches in length. Pkt., 5c.

2375. **White Rocket.** Pure white, long flower spikes. Pkt., 5c.

2376. **Dwarf White.** Very fine, height, 6 in. Pkt., 5c.

2377. **Annual Sorts.** Splendid mixed. Pkt., 3c.

2378. **Sempervirens.** White; very early. H. P. Pkt., 5c.

CANARY BIRD FLOWER.

2386. A rapid growing climber, with graceful foliage of a delicate shade of green. Flowers bright yellow, which have a fanciful resemblance to a canary bird with expanded wings. Pkt., 10c.

CARDIOSPERMUM. (See Balloon Vine.)

CARNATION PINK. (See Dianthus.)

CELOSIA OR COCKSCOMB.

Free-flowering, attractive plants, producing their flowers in rounded heads, combs and feathery spikes. Better to start in a box or greenhouse, and plant out last of May. H. H. A.

2387. **Cristata.** Tall, crimson, showy; 2 ft. Pkt., 5c.

2388. " **Dwarf,** crimson, fine; 1 ft. Pkt., 5c.

2389. " **Mixed sorts.** Pkt., 5c.

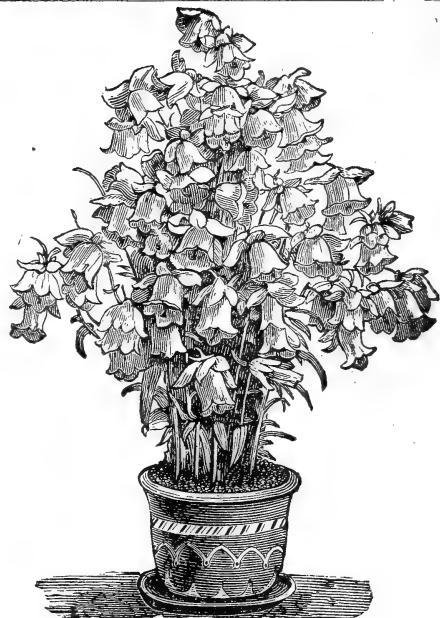
2390. **Huttoni.** Crimson, dark ornamental foliage; 2 ft. Pkt., 10c.

2392. **President Thiers.** (*Glasgow Prize.*) Very fine dwarf sort, with large crimson combs, finest for pots. Pkt., 10c.

2393. **GIANT EMPRESS.** A striking and handsome variety, mammoth bright crimson combs and rich dark foliage. Pkt., 10c.

2396. "GOLDEN YELLOW" JAPAN BRANCHED. In habit this is the same as the favorite crimson variety, forming a pyramidal branched plant about two feet high,—each branch being surmounted with finely ruffled comb—of bright golden yellow. Pkt., 15c.

2397. **PYRAMIDALIS PLUMOSA, Mixed.** Magnificent annual with charming, feathery heads of various and striking colors. This mixture includes the newer and improved varieties of this interesting class. 1½ ft. Pkt., 10c.



CANTERBURY BELL.



CANDYTUFT.



CELOSIA OR COCKSCOMB.



DOUBLE CORNFLOWER.

CANNA.

Cannas within recent years have become most popular. They are stately plants with handsome foliage and showy flowers. The seeds are extremely hard and it is advisable to file through the hard outside covering; soak in warm water several hours before planting. Comes readily from seed; that sown early will give blooming plants the first season. The roots may be wintered in the cellar—the same as Dahlias. H. H. P.

2425. **New Dwarf French.** The easiest grown and have much larger flowers than those of the old type. Saved from earliest blooming and handsomest varieties. Pkt., 10c.

2426. **Splendid Mixture** of best old sorts. Pkt., 3c.

CHRYSANTHEMUMS.

Exceedingly showy and popular plants for garden and house. No other annual furnishes so many cut flowers. The annual varieties make splendid garden plants and are quite distinct from the Autumn flowering class. 12 to 18 inches.

ANNUAL VARIETIES.

2428. **Coronarium**, double yellow. (See cut.) Pkt., 3c.
2429. —— white. Pkt., 3c.

2430. **Lord Beaconsfield.** Single crimson maroon, edged with gold. 18 inches. Pkt., 3c.

2431. **INODORUM Fl. Pl.** Double snow white flowers. Splendid for cutting. 2½ ft. Pkt., 5c.

2432. **Golden Feather.** Single. Foliage yellow. White with a crimson ring. 15 inches. Pkt., 3c.

2433. **ECLIPSE.** Golden yellow, scarlet ring; centre dark brown, very fine. Pkt., 3c.

2434. **Single Annual Varieties**, Mixed. Pkt., 3c.

2439. **Double Annual Varieties**. Mixed. Pkt., 3c.

2440. **Segetum grandiflorum.** Single yellow. Extensively used for pot culture. Pkt., 3c.



PARIS DAISY.

CLARKIA. A well known Hardy Annual.

2413. **Maritima.** Compact habit. 1 ft. Pkt., 5c.

2414. **Candidissima.** A variety of above with white foliage. 1 ft. Pkt., 5c.

CINERARIA.

A grand plant for the conservatory blooming in early spring. 1 ft. T. P.

2405. **Grandiflora.** Finest mixed. Pkt., 25c.

2410. **Grandiflora Nana.** Dwarf. Pkt., 25c.

2412. **Plenissima.** Double flowering. Pkt., 25c.

BEDDING CINERARIAS.

These are perennials and have silvery foliage.

2413. **Maritima.** Compact habit. 1 ft. Pkt., 5c.

2414. **Candidissima.** A variety of above with white foliage. 1 ft. Pkt., 5c.



CHRYSANTHEMUM CORONARIUM FL. PL.

PERENNIAL CHRYSANTHEMUMS.

The following varieties are for pot culture, for blooming in the house in winter, and for florists for cutting for bouquets.

2447. **Frutescens.** Known also as "*Marguerite*" or *Paris Daisy*. Very popular with florists. Large white, star-shaped flowers. 2 to 3 ft. Pkt., 5c.

2448. **Maximum** (Ox eye Daisy.) Its snow white flowers are produced in great abundance and as cut flowers they keep a long time in water. 2 ft. Pkt., 10c.

2446. **Hybridized Japanese and Chinese.** These are the celebrated sorts which bloom in the late Autumn and are seen at the annual shows. *Chrysanthemums plants raised from seed bloom the first year.* From the strain of seed we offer have sprung in the past some of the most highly admired varieties of the time. The opportunity to add some distinct new candidate for prizes and honor among this class of plants will, we doubt not, be eagerly taken up by all lovers of this most fashionable flower. Pkt., 25c.

CALLIOPSIS OR COREOPSIS.

Although these produce the most beautiful flowers, because they grow anywhere they are slighted. Few annuals give such an abundance of large, bright flowers of the **richest and most charming colors** through the entire season as do these.

2455. **Atkinsoni.** A beautiful biennial; blooming the first season. Yellow and brown. Splendid for bouquets. 2 ft. Pkt., 3c.

2460. **Bicolor.** Golden yellow; centre brown; 1½ ft. Pkt., 3c.

2461. **Coronata.** Bright yellow flowers of large size. 1 ft. Pkt., 3c.

2466. **Drummondii.** (**Golden Wave.**) Plant bushy and compact, flowers yellow with circle of rich crimson-brown around the eye. For a mass of golden yellow this is very effective. Pkt., 5c.

2473. **Nigra.** Darkest of any. 1½ ft. Pkt., 3c.

2478. **Annual Sorts.** Mixed. Pkt., 3c.

2479. **Lanceolata. Hardy perennial.** Plants tall, 2 to 3 ft., flowers large, and of a bright golden yellow, are borne in great profusion. One of the most valuable of our summer flowering herbaceous plants. Excellent for cutting. If sown early they will flower the first season. Pkt., 5c.

CASTOR BEANS. See RICINUS.

2494. **COLLINSIA.** Splendid for massing in beds or for bordering. Many colors mixed. H. H. A. Pkt., 3c.

2495. **CLEMATIS, Large Flowering.** Beautiful climber with lovely flowers in blue, white, purple, etc. Hardy, can remain in a permanent situation. Mixed. Pkt., 10c.

For Clematis Plants—see List of Hardy Climbing Plants.

CLEOME PUNGENS.

(THE GIANT SPIDER PLANT.)

2496. This is a valuable honey producing plant and a **perpetual bloomer.** The flowers are bright rose-color. The long, slender seed pods reaching out in every direction are carried on long slender stamens, giving the effect of a **many legged spider.** H. H. Pkt., 5c.

COSMOS.

Plants 4 to 6 ft. high, with fine feathery foliage, the flowers resembling the single Dalia, though smaller, of all shades of rose, purple and pure white, are abundant late in the fall—September to November. Started early in April in a box, and planted out in May, they will flower before frost, and if taken inside will flower freely, until the first of December; fragrant. For cutting this is one of the finest flowers grown. A.

MAMMOTH PERFECTION COSMOS.

2502. The flowers of this magnificent strain are double the size of the old Cosmos.

Colors, white, pink or crimson. Mixed. Blooms very early. Splendid sort for pot culture in the house. Whatever you neglect the coming season, you should surely plant Mammoth Perfection Cosmos. Pkt., 10c.

2503. **Cosmos.** White. Valuable for florists. Pkt., 5c.

2504. **Best Colors Mixed.** Pkt., 5c.



COSMOS.

CYPRESS VINE.

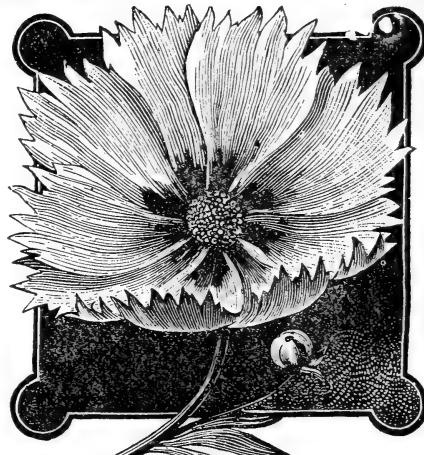
(IPOMÉA QUAMOCЛИT.)

2512. Popular climbing plant, with delicate fern-like foliage, star-shaped flowers, borne in clusters, just the thing to train on a veranda, over bird houses, etc. T. A. Mixed. Pkt., 3c.

BARNARD'S PERPETUAL GREEN LAWN GRASS SEED.

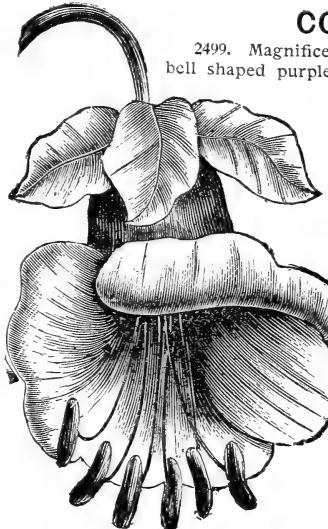
We mix it ourselves and know every package—large or small—is the same. Lb., 25c.; 5 lbs. for \$1.00.

If to go by mail, add 8c. per lb. for postage.



CALLIOPSIS—GOLDEN WAVE.

COBÆA SCANDENS.



2499. Magnificent, rapid growing annual climber with large bell shaped purple flowers, adapted for out-door growth in summer also for the house and green house. A thrifty plant will often grow 20 to 30 ft. in one season. The seed should be planted edge down, and no water given unless in a warm place, and the soil becomes very dry. H. H. P. Pkt., 5c.

2500. **Cobæa Scandens.** White. Pkt., 5c.

2505. **CUPHEA Platycentra.** (**Cigar Plant.**) Flowers scarlet, tipped with black. A favorite bedding and pot plant. T. P. Pkt., 10c.

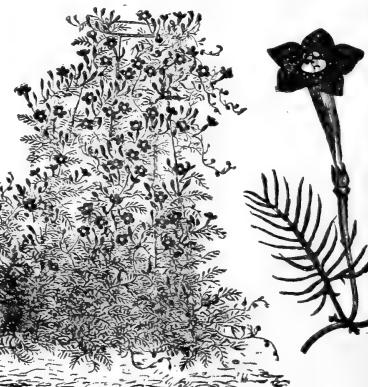
2506. **CLANTHUS Dampieri.** The "Australian Glory Pea." A beautiful shrubby trailer. Flowers pea-shaped, in clusters, bright scarlet with clear, glossy black centre. Decidedly one of the most handsome flowers we know. 3 ft. H. H. A. Pkt., 15c.

COLEUS.

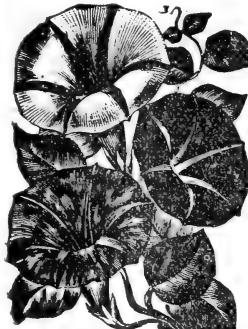
Handsome foliage plants **most easily grown from seed** and very popular for bedding also for pot culture. The new, large leaved Hybrids with foliage notched and fringed in the most wonderful manner are an immense improvement on the other sorts. Seed sown early in the spring will produce fine plants for outdoor planting. T. P.

2508. **Finest Varieties in Mixture.** 1 to 2 ft. Pkt., 10c.

2509. **New Large-Leaved Hybrids.** Very large and superbly variegated foliage. Mixed. Pkt., 25c.



CYPRESS VINE.



MORNING GLORY.

CONVOLVULUS MAJOR (MORNING GLORY.)

ONE of the old favorite climbers which has a place in every garden. The rapid growth, reaching a height of 15 to 20 ft., the beautiful green foliage, mixed with numerous brilliant colored flowers, make the Morning Glory one of the best adapted annuals to cover verandas, etc. They do well in ordinary garden soil, need very little care, and should be sown where they are to bloom.

2512. "Heavenly Blue." Flowers are in large, airy clusters and of the undescribable heavenly blue so rarely seen in flowers. Foliage very large, heart shaped; flowers measure from four to five inches across. Pkt., 10c.

2515. White. Pkt., 3c.

2513. Crimson. Pkt., 3c.

2514. Rose. Pkt., 3c.

2516. Striped. Pkt., 3c.

2517. Blue. Pkt., 3c.

2518. **Morning Glory Mixture.** Contains all the foregoing together with many rare imported varieties. Among them are the handsome marbled and striped flowered, those with cut and variegated foliage, and, in brief, an unequalled assortment of seed of this popular flower all in one package. **So cheap everybody can afford it.** Oz., 10c.; Pkt., 3c.

CONVOLVULUS MINOR.

These dwarf growing trailers are of the same shape as the tall Morning Glory; the flowers, however, are not quite so large. They are most varied in coloring, remain open the entire day, and bear flowers from June until Fall. 1 ft. H. A.

2532. **Finest Mixed,** many varieties. Oz., 10c.; Pkt., 3c.

2533. **Convolvulus Mauritanicus.** Splendid for hanging baskets and vases. Handsome blue flowers. Pkt., 3c.

CYCLAMEN.

2510. **Persicum.** Beautiful plants for pot culture. Foliage very handsome, flowers of the most beautiful colors and shades from deep crimson to pure white. Perennial tubers of easy culture. Comes readily from seed insuring a fine variety of bulbs at small cost. Pkt., 7c.

CYCLAMEN--Giant Flowered.

2511. This strain produces extra large magnificently colored flowers, borne on long stalks well above the foliage. Florists will have no other. We confidently recommend this as each package contains the best varieties and colors mixed. Pkt., 20c.

For Cyclamen Bulbs see list of Bulbs.

DOUBLE DAISY.—(See *Bellis Perennis*.)

• DAHLIA. •

Almost everyone admires the Dahlia and we yearly sell thousands of tubers and pot plants of it. Few seem aware that it can be grown easily from seed and will bloom the first season. 2 to 4 ft. H. H. P.

2524. **Large-flowering Double.** Sure to produce some splendid flowers being saved from extra choice sorts. Pkt., 10c.

2525. **Pompone Double.** From selected small flowers, extra choice mixed. Pkt., 10c.

2526. **Single Mixed.** Star-shaped, broad petaled flowers. Pkt., 5c.

See Bulb List for Dry Roots. Large stock of splendid varieties.

DATURA. (TRUMPET FLOWER.)

Showy and vigorous growing plants of branching habit bearing large trumpet-shaped flowers, six inches in length and somewhat fragrant. Comes easily from seed and the roots can be taken up and wintered—same as Dahlias.

2527. **Cornucopia.** The flower is formed of three distinct trumpet flowers growing each within the other. The mouth of the corolla is glistening white, outside richly marbled with purple. Delightfully fragrant. Pkt., 10c.

2538. **Mixed.** Choicest varieties. Pkt., 3c.

DELPHINIUM. (LARKSPUR.)

Vigorous plants with showy flowers of many colors; suitable for large beds on lawns. For masses and mixed borders they are unsurpassed.

ANNUAL VARIETIES.

2539. **Double Branching.** Valuable for cut flowers. Continues in bloom until cut down by frost. Pkt., 3c.

2541. **Dwarf Rocket.** Mixed, very pretty. 1 ft. Pkt., 3c.

2542. **Tall Rocket.** Mixed, fine. 1½ ft. Pkt., 3c.

2543. **Emperor.** Fine compact plant with long spikes of brilliant double flowers; many colors mixed. Pkt., 3c.

PERENNIAL VARIETIES.

2545. **Formosum.** Dark rich blue with a white center. 2 ft. Pkt., 5c.

2554. **Nudicaule.** Scarlet, dwarf, abundant bloomer. Fine for rockeries, flower beds or pot culture. 1 ft. Pkt., 10c.

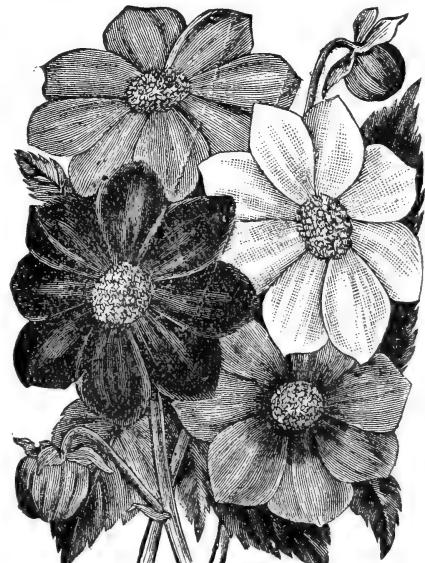
2555. **ECHEVERIA De Smetiana.** The so called "Hen and Chickens" plant so largely used for bedding in the fancy designs in South Park, Chicago and elsewhere. This variety has beautiful silvery foliage when glistens in the sun. Easy to grow from seed. H. H. P. Pkt., 25 seeds, 25c.



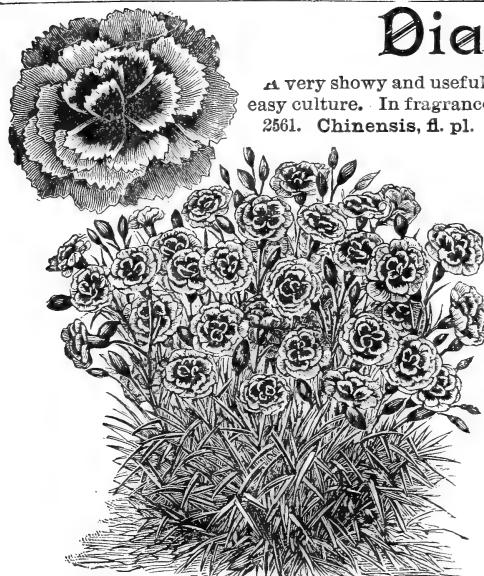
DOUBLE MORNING GLORY.

Ipomoea Purpurea Fl. Fl.

2534. After years of experimenting to obtain the much desired double Morning Glory, a German florist has at length succeeded. It is a rapid grower, and produces its double flowers very freely. They are white with a slight red or blue spot at the base of the petals. Pkt., 15c.



SINGLE DAHLIAS.



PHEASANT'S EYE PINK.

Dianthus.

PINKS,
CARNATION PINKS.

A very showy and useful family of plants for bedding and cut flowers. Free bloomers of easy culture. In fragrance and neat appearance this genus is not equaled.

2561. **Chinensis**, fl. pl. (*China Pinks*.) Double mixed, very pretty. 1 ft. A. Pkt., 3c.

2562. **Hedgewigi Diadematus**, fl. pl. (*Double Diadem Pink*.)

Finest colors, mixed. A. Pkt., 5c.

2567. **Hedgewigi Laciniatus**, fl. pl. Double Fringed Pink.

Finest colors, mixed. A. Pkt., 5c.

2568. **Hedgewigi Albus**, fl. pl. Fine double white. A. Pkt., 5c.

2569. **Hedgewigi**, fl. pl. (*Japan Pink*). Large double flowers. Select colors, mixed. A. Pkt., 5c.

2570. **Hedgewigi**, Single mixed. The best colors. A. Pkt., 5c.

2571. **THE BRIDE**. (*LITTLE GEM*.) This variety is a valuable addition to the popular Japan Pinks. The flowers are pure white with purple centre and borne in great profusion. A very charming and pleasing variety. Pkt., 5c.

2574. **Plumarius**. (*Pheasants Eye Pink*.) Fringed, with dark centres. H. P. Pkt., 5c.

2579. **Plumarius**, fl. pl. (*Hardy Garden Pink*.) Finest double, mixed colors. H. P. Pkt., 10c.

2584. **Imperialis**. (*Imperial Pink*.) Best double strain. A. Pkt., 5c.



MARGARET CARNATION.

MARGARET CARNATION.

2610. No novelty of recent introduction has gained so many admirers in so short a time as the pretty and useful Margaret Carnations. They bloom in three to four months from the time of the seed planting, yielding a profusion of large sweet smelling flowers, remarkable for their brilliant shades of color. If the plants are taken up and potted before frost, they will continue to bloom during the winter, and are a most valuable acquisition to the window garden. Red, white, pink, variegated, etc., mixed. Pkt., 5c.

2609. **WHITE GRENADIN**. Fine, true from seed. Pkt. 10c.

DIANTHUS BARBATUS. (See Sweet William.)

DICTAMNUS.—(*Fraxinella*.)

Showy, hardy, herbaceous perennials, leaves and flowers when lightly rubbed, emit a lemon odor. Soak the seeds before planting in the early spring.

2603. **Mixed**, red and white. 2 ft. Pkt., 5c.

DOLICHOS.—*Hyacinth Bean*.

A well-known climber, producing both large white and bright colored flowers. Seeds and pods edible. 8 ft. A.

2615. **Mixed Colors**. Pkt., 5c.

DRACENA OR CLUB PALM.

Very ornamental plants for pot culture, resembling a Palm. They make a splendid effect planted in the centre of vases, and on account of their easy culture are desirable as house plants. T. P.

2616. **INDIVISA**. The most popular sort, grows readily from seed. Pkt., 5c.

2611. **MARGARET CARNATION, white**. A very valuable strain that produces 75 per cent. of pure white double flowers. Pkt., 5c.

2612. **PICOTEES**. Fine double mixed. Flowers white or yellow, bordered with purple, red or rose. Pkt., 25c.

2613. **DIGITALIS**.—(*Fox-glove*.)

Showy plants of easy culture, with umbel-shaped flowers borne in spikes. 3 ft. H. P.

2614. **Splendid mixture**. 3 ft. Pkt., 5c.

ESCHOLTZIA.—(CALIFORNIA POPPY.)

ATTRACTIVE plants which produce large, saucer-like flowers of richest coloring. Foliage graceful and finely cut. Sow seed where the plants are to bloom. 1 ft. H. A.

- 2623. **Californica**, yellow, with bright, orange centre. Pkt., 3c.
- 2624. — **Alba**. White. Pkt., 3c.
- 2628. **Crocea, fl. pl.** Double, orange-colored flowers. New. 1 ft. Pkt., 5c.
- 2634. — **Mandarin**. A very beautiful variety, having large scarlet flowers, inner side of petals a rich orange. Pkt., 3c.
- 2635. **Mixture of above varieties.** Pkt., 3c.

2640. **EMENANTHE Penduliflora**, or *California Golden Bells*. An exceedingly pretty annual, with dainty foliage and long spikes of charming golden yellow flowers, which resemble Lilies of the Valley in shape. They are very pretty for cutting in summer and are also useful for winter bouquets, the flowers drying like tissue paper. Pkt., 7c.

EUPHORBIA MARGINATA. (SNOW ON THE MOUNTAIN.)

2641. Remarkable for its showy flower bracts, each involucrume has a wide edge of white. 2 ft. A. Pkt., 5c.



ESCHOLTZIA.

FORGET-ME-NOT (MYOSOTIS.)

Well known family of lovely little plants, bearing small flowers in numerous clusters. They thrive best in moist soil and need no extra care whatever. Height, 6 to 12 inches. H. P.

2650. **The Jewel**. A new and distinct variety of compact, strong and dense growth. It throws up from 40 to 50 flower stems, carrying close heads of perfectly formed flowers, colored beautiful sky-blue. Pkt., 10c.

2651. **Dissitiflora**. A very early and free-blooming variety with large, light-blue flowers. A favorite with florists. Pkt., 10c.

2652. **Victoria**. Grows about 6 inches high, forming perfectly round plants, covered with lovely azure blue flowers. Its general usefulness as a pot plant for cutting makes it one of the very best. Pkt., 5c.

2653. **Alpestris**. Blue *Forget-Me-Not*. For bedding. 1 ft. Pkt., 5c.

2655. **Robusta Grandiflora**. ELIZA FANROBERT. Large flowers, sky blue with yellow eye, pyramidal habit; fine. Pkt., 5c.

2656. **Azorica**. Dark blue, splendid. Pkt., 10c.

2657. **Palustris**. True Marsh Forget-me-not. Most excellent sort for growing from seed. Flowers dark blue. Pkt., 5c.



FORGET-ME-NOT.

GAILLARDIA. (BLANKET FLOWER.)

Bedding plants remarkable for the size and brilliancy of their flowers continuing in beauty during the summer and autumn. 1½ ft. H. H. A.

2666. **Grandiflora Superba**. The largest flowered of this class; scarlet and orange; fine for cutting. 2 ft. Pkt., 5c.

2671. **Picta Lorenziana**. Double, large fringed gay colored flowers. 3c.

2672. **Mixed Single**, includes many varieties. Pkt., 3c.



GAILLARDIA.

CLIMBING GOURDS.

Splendid for covering walls, arbors, etc. Start the seed in the house and plant out as soon as danger of frost is over. 20 to 30 ft. A.

2695. **Nest Egg Gourd**. Far superior to glass nest eggs. They do not break and are uninjured by water. They are exact imitations of hen's eggs. 5c.

2699. **Dish Cloth Gourd**. Many prefer a dish cloth made from this Gourd to anything else. Pkt., 5c.

2700. **Sugar Trough**. Holds more than a gallon when well grown, Pkt, 5c.

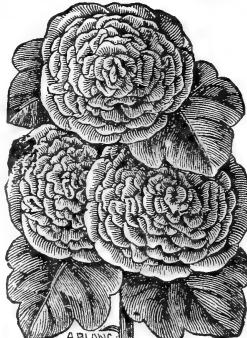
2701. **Best Ornamental Gourds**, mixed. ½ oz., 20c.; Pkt, 5c.



GODETIA, WHITE PEARL.



HELIOTROPE.



HOLLYHOCKS.



HUMULUS JAPONICUS.

GLOXINIA.

Strikingly beautiful greenhouse plants. The magnificent colored flowers are large and bell-shaped, with blotched and spotted throats; 1 foot. T. P.

2703. **Choice Mixture of large flowering sorts.** Pkt., 25c.

GODETIA.

The dwarf and compact growing plants are literally covered with handsome flowers of the most brilliant colors. They are of easiest culture, will bloom well in any situation, and are deserving of more extended cultivation. H. A.

2705. **White Pearl.** Flowers pure white, borne three or four together; especially showy in dwarf beds. Pkt., 5c.

2706. **Bijou.** Pure white with carmine eye. Pkt., 3c.

2707. **Lady Albemarle.** Flowers three inches across, crimson and carmine, suffused with lilac. Pkt., 3c.

2708. **Lady Satin Rose.** Bright rosy pink. Rich. Pkt., 5c.

2709. **The Bride.** White, crimson center. Pkt., 3c.

2710. **Finest Mixed.** Pkt., 3c.

GYPSOPHILA.

Graceful plants, full of numerous small flowers that are almost indispensable in bouquet making. They bloom the first year from seed.

2711. **Elegans.** White. 6 inches. H. P. Pkt., 3c.

2712. **Paniculata.** White. 2 ft. P. Pkt., 3c.

HELIOTROPE.

Heliotropes can be grown as readily from seed as Pansies or Verbenas. Sow in open ground in May, and the plants will bloom in August, and earlier if the seed is started in the house.

2723. **Dark Varieties Mixed.** Flowers deep blue, dark purple, some almost black. All very fragrant. Pkt., 5c.

2724. **Mammoth Flowered.** Flowers are twice the size of the older species, fragrance remarkably sweet, and the colors run from pure white to deep indigo. Pkt., 10c.

2725. **Mixed.** Many varieties and colors. Pkt., 5c.



MINIATURE SUNFLOWER.

* **HELIANTHUS OR SUNFLOWER.** *

Among the showiest and stately old-timers of the garden. In addition to the Mammoth Russian Sunflower so extensively cultivated for its seeds which are fed to poultry, we have included a few that make good plants for lawns, along fences, etc. The foliage of some is very handsome; others attract attention from their size. H. A.

SINGLE VARIETIES.

2714. **Macrophyllus Giganteus.** Of branching habit, single, yellow flowers, about eighteen inches in diameter. 8 ft. Pkt., 3c.

2715. **Miniature.** Flowers single bright orange, elegant in form, suitable for bouquets as they measure only about two inches across. Plants dwarf and very bushy with fine foliage. Bloom from July until frost. 3 ft. Pkt., 3c.

2716. **Mammoth Russian.** Flowers of immense size, from 16 to 20 inches in diameter. Seeds are used to feed birds and poultry. Pkt., 3c.; lb., 18c. postpaid. Not prepaid. 25 lbs., \$1.50.

SPECIAL OFFER: One packet each of above six Sunflowers for 15c.

DOUBLE VARIETIES.

2717. **Californicus Fl. Pl.** Extra large orange flowers. Pkt., 3c.; oz., 10c.

2718. **Globosus Fistulosus.** Globular, very large, double orange flowers. The most effective of Sunflowers. 6 ft. Pkt., 3c.; oz., 10c.

2719. **Green-Centered (SCULATUS VIRIDIS.)** Double yellow flowers with green center when young. Five to eight ft. in height. Pkt., 5c.

2720. **Mixed Sunflowers.** A splendid assortment of a dozen of the best varieties grown together on our grounds. It includes some which are both curious and desirable. Pkt., 3c.; oz., 10c.

IPOMOEA.

Climbing plants distinguished for their neat foliage, quick growing, showy and beautiful flowers. A.

2767. *Ipomoea Noctiflora. (TRUE MOON-FLOWER OR EVENING GLORY.)* This is a magnificent climber and produces a handsome dense foliage and large number of clear white, very fragrant flowers, from 4 to 6 inches in diameter. Start in the house and plant out after danger of frost is passed. Pkt., 10c.

2768. *New Hybrid Moonflower.* Flowers are larger than the regular Moonflower and will bloom about 30 days earlier; they are pure white, measuring about 5 to 7 inches across. Pkt., 10c.

2769. *Boma Nox.* Very large, pale lilac flowers, opening in the early evening. Pkt., 5c.

IMPERIUM SULTANI.

(ZANZIBAR BALSAM.)

A native of Africa, blooming almost continuously. The beautiful colored flowers are of waxy-like delicate appearance. The easy culture and vigorous growth make it a great favorite as a house or garden plant.

2770. *Sultani. (African Balsam.)* Flowers rosy carnation. Pkt., 10c.

2770. *Sultani Hybrida.* A novelty from Belgium. It produces lovely flowers of very numerous shades of color, varying from the most delicate pink to the deepest red. Pkt., 25c.

IPOMOPSIS.—(Standing Cypress.)

Long spikes of bright orange and scarlet, beautiful for the greenhouse or for out-door decorations. Pkt., 5c.

LINARIA CYMBALLARIA.

(Kenilworth Ivy.)

2801. Beautiful trailer, with neat foliage and numerous small lavender-colored flowers. Fine for baskets. Pkt., 5c.

LINUM.

A beautiful, large flowering flax. Very neat and attractive for massing. Sow either in hot-bed or open ground and transplant to 1 ft. apart.

2802. *Grandiflorum Rubrum.* Brilliant dark scarlet, one of the best; 1 ft. H. A. Pkt., 5c.

2803. *PERENNE.* Mixture of best perennial sorts, best varieties, 1½ ft. H. P. Pkt., 5c.

ICE PLANT.

Mesembryanthemum.

Beautiful dwarf growing plant with waxy-like foliage and lovely little flowers. Splendid for rock-work and hanging baskets. H. H. A.

2780. *Crystallinum.* The whole plant covered with ice-like secretions; flowers purple. Pkt., 5c.

2785. *Cordifolium Variegatum.* The light colored leaves make this variety very attractive for ribboning. Pkt. 5c.



ICE PLANT.

LUPINUS.—(Lupin, Sundial Bean.)

Showy plants, easily grown, furnish long spikes of gay-colored flowers, 2 to 3 ft.

2804. *Tall Varieties Mixed.* Per oz. 25c. Pkt., 3c.

2805. *Dwarf Varieties Mixed.* 1 ft. Pkt., 3c.

LYCHNIS.—(Ragged Robin.)

Hardy perennial of easy culture; very showy and attractive in mixed borders.

2834. *Chalcedonica Scarlet.* Fine head of bright scarlet; perfectly hardy; 2 ft. Pkt., 5c.

2835. *Chalcedonica Alba.* White; 2 ft. Pkt., 5c.

2840. *Fulgens.* Brilliant scarlet; if sown early will bloom the first season, 1½ ft. Pkt. 5c.

LOPHOSPERMUM.

Ornamental greenhouse climber with large purple flowers, bloom the first year from seed, 10 ft. H. H. A.

2950. *Scandens.* Flowers rosy purple, resembling the Foxglove, desirable for baskets, vases, etc. Pkt., 5c.

LOBELIA.

The cultivated herbaceous Lobelias have graceful foliage and beautiful flowers. The Erinus or hanging varieties are used for baskets, vases, etc., and the dwarf sorts for pots, borders and carpet bedding. They flower freely the first year from seed. T. P.

2807. *Erinus. Emperor William. (Blue King.)* Very low and compact, light blue, fine. Pkt., 5c.

2808. *Erinus. Crystal Palace Compacta.* Azure blue, very compact, Pkt., 5c.

2809. *Speciosa.* Bright blue; for hanging baskets or vases. Pkt., 5c.

2810. *Erinus Gracilis.* Blue; best for vases and hanging baskets. Pkt., 5c.

2811. *Erinus Paxtoniana Mannorata.* Blue and white. Pkt., 10c.

2812. *Erinus. White Pearl.* Dwarf; flowers white. Pkt., 5c.

2813. *Erinus. ROYAL PURPLE.* A splendid new variety with dark foliage and rich blue flowers marked with white eye. Pkt., 10c.

2814. *Cardinalis. (Cardinal Flower.)* Bright scarlet, splendid, hardy herbaceous perennial; 2 ft. Pkt., 5c.

2819. *Fulgens. Queen Victoria.* Dark scarlet flowers; dark leaves; very showy; 3 ft. H. H. P. Pkt., 10c.

FORMOSA.—

2824. A very distinct and beautiful scarlet Lobelia of deep ruby scarlet. In style of flowers and habit of growth it compares with the well-known Lobelia Speciosa and we can recommend it as the most novel and striking introduction in dwarf bedding Lobelias. Pkt., 15c.



LOBELIA FORMOSA.

MARIGOLD. (TAGETES.)

Old time favorites of the garden. The flowers are very double and make a splendid effect in mixed beds or borders; useful as pot plants also. The easy culture and extreme showiness should secure them a prominent place in every flower garden. H. H. A.

DOUBLE AFRICAN MARIGOLDS.

2855. **El Dorado.** Flowers extra large, measuring from 3½ to 4 inches across; varying in shades from a primrose yellow to a deep orange. A robust grower and great bloomer. 3 ft. Pkt., 3c.

2856. **Lemon Queen.** The best type of the African Marigold. Grows about 18 inches high and is covered with large, light lemon flowers. Pkt., 3c.

2858. **Double African, Mixed.** The best varieties. Pkt., 3c.

FRENCH MARIGOLDS.

2859. **Legion of Honor.** The most showy of the Dwarf Marigolds. Flowers rich golden yellow marked with velvety brown. Plants are insect and drought proof and continuous bloomers. Pkt., 5c.

2860. **Dwarf Gold Striped.** Yellow and maroon. Pkt., 3c.

2865. **Choice Mixture** of Dwarf sorts. Pkt., 3c.

(For Cape or Pot Marigold—see *Calendula*.)



MARIGOLD, EL DORADO.

MATRICARIA. (FEVERFEW.)

Pretty free blooming plants, very popular for bedding and pots. H. H. P.

2874. **Capensis, fl. pl.** Double white, fine. Pkt., 5c.

2875. **Exima Crispata, fl. pl.** Double white flowers and pretty curled foliage. Height, 8 inches. Pkt., 5c.

MAURANDIA.

Pretty climbers of rapid growth, flowering freely the first year from seed. 10 ft. T. A. A good collection of colors. 5c.

MESEMBRYANTHEMUM.

(See *Ice Plant*.)

MIMOSA PUDICA. (Sensitive Plant.)

2916. A very interesting plant; the finely cut fern-like leaves closing if touched or shaken. Pkt., 5c.



MARVEL OF PERU.

MIGNONETTE. (RESEDA.)

The hardiest annual in cultivation and a universal favorite for its sweet and delicate fragrance. The newer varieties named below in capitals are valuable improvements

2892. **LARGE FLOWERING.** The common Sweet Mignonette. Oz., 15c.; pkt., 3c.

2896. **AMELIORATA.** Red flowered. Pkt., 3c.

2899. **Gabriele.** Red, very fine, robust; excellent for pots. Pkt., 5c.

2905. **Golden Queen.** Flowers of a golden shade, very fragrant. 5c.

2906. **Victoria.** A beauty in every respect. Dark, glossy green foliage, pretty red flowers, large and of fine form. Grows about 6 inches high. Fine for pots. Pkt., 5c.

2907. **PARSON'S WHITE.** Very fragrant, nearly white Pkt., 5c.

2908. **Miles' Spiral.** Plant dwarf, branching habit. Flowers white; very fragrant. Spikes 8 to 12 inches long. Pkt., 5c.

2914. **MACHET.** The flower spikes are very

broad and long, and the red flowers exceedingly fragrant. It is one of the best varieties for pot culture and bedding, and extensively grown by florists. Pkt., 5c.

2913. **Extra Choice Mixture.** Oz., 25c.; pkt., 3c.

MIGNONETTE, MACHET.

MIMULUS. (Monkey Flower.)

Very showy and admirable pot plants, also suitable for bedding. The charming flowers are spotted and blotched in extremely rich colors. The plants succeed best in moist soil and shaded places; although half hardy perennials, they are usually treated as annuals.

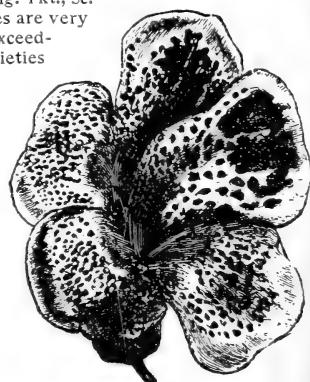
2919. **Moschatus. (Musk Plant.)** The foliage emits a strong musky perfume. Pkt., 5c.

2920. **Tigrinus.** Striped and spotted. Extra mixed. 2 ft. Pkt., 5c.

2926. **Emperor.** The large and beautiful flowers are most showy and attractive. It is not only a great favorite in pots, but does nicely in shady places. Pkt., 5c.

MUSA ENSETE. (ABYSSINIAN BANANA.)

2935. Large-leaved plants making a tropical effect planted on the lawn. They are of remarkably quick growth, often attaining a height of 10 to 15 ft. the first season. The seeds should be sown early in the house, the plants frequently repotted and stimulated with liquid fertilizer, and the pots kept plunged. Pkt., 15c.



MIMULUS.

NASTURTIUMS.

See also

NOVELTIES.



DWARF OR BEDDING NASTURTIUMS.

DWARF OR BEDDING NASTURTIUMS.

Price, any kind, oz., 20c.; pkt. 5c., except where noted.

- 3094. **Scarlet King.** Brilliant color.
- 3095. **Rose.** A delicate shade. Very attractive.
- 3096. **Yellow.** Light yellow; no blotches.
- 3097. **Crystal Palace Gem.** Sulphur, spotted maroon.
- 3098. **King of Tom Thumbs.** Deep scarlet flowers.
- 3099. **Spotted King.** Orange, spotted with maroon.
- 3100. **Ruby King.** Ruby red; dark foliage.
- 3101. **Cœrulea/Rosea.** Beautiful peach color.
- 3102. **Gen'l Jacqueminot.** New. Almost identical in color with the well known Rose of the same name.
- 3103. **Prince Henry.** New. Cream color, marbled with scarlet. Dark foliage. Very handsome.
- 3107. **Pearl.** Straw color; fine for contrast.
- 3108. **Beauty.** Light scarlet, splashed canary.
- 3109. **King Theodore.** Dark, scarlet maroon.
- 3114. **Empress of India.** Brilliant crimson; dark foliage.
- 3119. **Cloth of Gold.** Foliage golden yellow, flowers scarlet.
- 3124. **Lady Bird.** Orange yellow, red spots.
- 3125. **Aurora.** New. Chrome yellow, the lower petals veined with purplish carmine.
- 3126. **Mixed Colors.** The above and some others. Pkt., 3c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.

COLLECTIONS

— of —

CONSTANT BLOOMING

NASTURTIUMS.

All postpaid.

- 3170. **6 pkts. Tall Varieties,** our choice, one of each, 25c.
- 3171. **6 pkts. Dwarf Sorts,** different col., our choice, 25c.
- 3172. **12 pkts. Half Tall, half Dwarf,** our selection, 40c.
- 3173. **12 pkts. Assorted Colors,** our selection, 6 Dwarf varieties, 3 Tall, 3 Lobb's, 40c.

NICOTIANA.

Large and beautiful flowers of delicious fragrance, very ornamental as pot plants or in groups. Of easy culture. A.

3043. **Affinis. (Sweet Scented Tobacco Plant.)** Produces freely deliciously scented large white tubulous flowers. If taken up in fall and potted it will bloom in the house during winter. 2 ft. Pkt., 3c.

NIEREMBERGIA.

Very pretty free-flowering plants that need the same treatment as Petunia. H. H. A.

3053. **Frutescens.** White and lilac; very free bloomer. 5c.

NASTURTIUMS are showy, popular annuals, but many of the newer and most beautiful sorts are known to a comparative few. When planted in poor soil they seem to bloom longer and are much more brilliant in coloring. They succeed under any circumstances, heat nor drought, do not effect them. The bedding varieties

make a charming effect. As the cost of the seed is so low we recommend a trial of a number of sorts and especially the new kinds.

Our Imperial mixtures will, we are certain, prove a delight to all who use them. The seeds if picked green make an excellent substitute for capers.

TALL OR CLIMBING NASTURTIUMS.

Price, any kind, oz., 15c.; pkt., 5c., except where noted.

- 3127. **Rose.** | 3128. **Orange.** | 3138. **King Theodore.** Maroon.
- 3148. **Yellow.** | 3149. **Purple.**
- 3150. **Crimson.** | 3155. **Chocolate.**
- 3160. **Scarlet Striped.** | 3161. **Scarlet.**
- 3166. **Straw Spotted.** | 3167. **Pearl.**
- 3168. **Scarlet and Gold.** Bright yellow foliage; flowers crimson scarlet.
- 3169. **Mixed Colors.** Contains all above and some other beautiful sorts. Pkt., 3c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.

LOBB'S NASTURTIUMS.

Much more brilliant in coloring than the Tall sorts. Splendid for hanging baskets, etc. *Price, any kind, oz., 15c.; pkt., 5c.*

- 3185. **Cardinal.** Dark cardinal red; superb.
- 3190. **Giant of Battles.** Sulphur, spotted with red.
- 3191. **Lucifer.** Richest, velvety deep crimson.
- 3192. **Napoleon III.** Golden, striped carmine.
- 3197. **King of the Blacks.** Very dark deep brown.
- 3198. **Spitfire.** Brilliant scarlet; very effective.
- 3199. **Lobb's Nasturtiums, Mixed.** The above six splendid sorts and others. Pkt., 5c.: oz., 15c.

IMPERIAL NASTURTIUM MIXTURES.

3126. These superb mixtures, made by ourselves, include all the varieties in our lists and some others. They will make a display of colors far surpassing in effect any thing we can describe. We offer either Dwarf or Tall.

Extra large packet, 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c. postpaid.

OENOTHERA. (Evening Primrose.)

The curious habit of the flowers, opening just before sun-down and closing before noon next day has made this genus known under the name of Evening Primrose. They embrace beautiful colored varieties, mainly of yellow shades, and are well worthy of cultivation.

- 3071. **Hardy Annual Varieties Mixed.** Pkt., 3c.
- 3072. **Best Hardy Perennial Varieties Mixed.** Pkt., 5c.

MEXICAN PRIMROSE.

3073. **Oenothera Rosea.** This greatly advertised plant is very useful for cultivation in pots or outdoors. Flowers, bright pink with white center. Comes readily from seed. Pkt., 5c.

W.W. BARNARD & CO.

TESTED SEEDS

CHICAGO, ILL.

POPPIES.

EXCEEDINGLY showy and free blooming, with large and brilliant colored flowers. For effective massing they are among the most desirable plants in cultivation. The introduction last season of two new Poppies has created quite a sensation among flower lovers. Whatever may have been said in praise of these beautiful flowers has been fully proven true. They have stood the test well, and are assured a permanent place with their older associates.

White Swan Poppy.

3346. **A Grand New Poppy.** The plant grows 2 feet high, forming a dense richly branching bush and producing very large flowers on strong slender stems. The flowers are of immense size, very double with beautiful lacinated petals, and of the purest white. It blooms much longer than any other Poppy. Its beautiful green foliage and elegant white flowers will make it a most attractive object in any garden when planted either in groups or single specimens. Pkt. 5c.

Cardinal Poppy.

(*Papaver Somniferum Nanum f. pl. Cardinale.*)

3350. The dwarf and particularly robust and compact habit of growth, about 18 inches high, renders it entirely distinct from all other double Poppies. The plant is furnished with deeply-cut, dark green foliage, with which 10 to 12 enormous and very double flowers of glowing scarlet, on white ground, stand out in striking contrast. The blooming period of the Cardinal Poppy is of longer duration than that of any other double annual variety, and this, coupled with the uncommon showiness of its flowers, will soon bring it into general request for the formation of highly effective beds, for enlivening mixed borders, etc. Pkt. 5c.

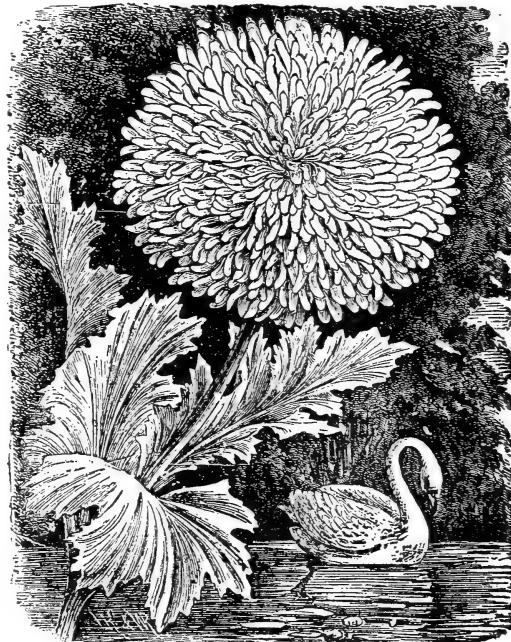
Papaver Glaucum.

(*Tulip Poppy.*)

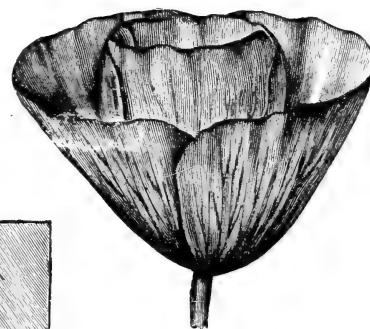
3351. The plant rises to a height of from 12 to 14 inches and produces, well above the foliage, 50 to 60 large and splendid flowers of the most vivid scarlet imaginable. The two outer petals of the flower bear a similarity to a saucer in which are set two erect petals, of the same color, forming a pouch-like receptacle, enclosing and seemingly protecting the anthers. When the flowers begin to fade two black spots are visible at the base of the petals. From a mere description, no adequate idea can be gained of the strikingly beautiful effect presented by a bed or mass when the plants are in full bloom, the color being, seen even from afar, of such glowing richness as to perfectly dazzle the eye. The popular name "Tulip Poppy" is given it on account of its resemblance to the well-known Scarlet Duc Van Thol or Vermillion Brilliant Tulips. It commences blooming early in June and flowers abundantly and in uninterrupted succession for a period of 6 to 8 weeks. Pkt., 5c.



CARDINAL POPPY.



POPPY "WHITE SWAN."



TULIP POPPY.

3362. **Mephisto.** Scarlet, with large black spots; attractive. Pkt., 3c.

3363. **Paeony-Flowered.** Large, very fine double flowers; mixed. 2 ft. Pkt., 3c.

3365. **Mixed.** Many fine colors. Pkt., 3c.

PERENNIAL SORTS.

3347. **ALPINUM ROSEUM.** A novel and beautiful rose colored variety of the charming class of Alpine Poppies. Pkt., 10c.

3366. **Alpinum.** Chamois or light buff; beautiful; 1 ft. Pkt. 10c.

3371. **Alpinum.** White, charming; 1 ft. Pkt., 10c.

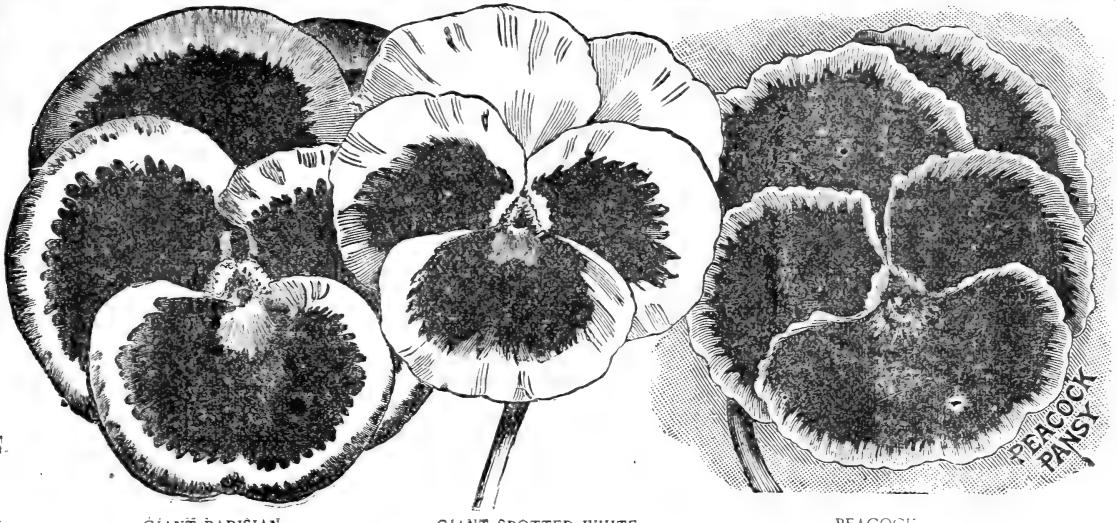
3372. **Bracteatum.** (*Nanum Splendens.*) New, very fine. 1 1/4 ft. Pkt., 10c.

ICELAND POPPIES. (*Nudicaule.*) They bloom lavishly the first season from seed, producing elegant flowers, which on account of their good keeping qualities and fragrance make splendid cut-flowers.

3348. **Pure White.** Pkt., 10c. 3374. **Clear Scarlet.** Pkt., 10c.

3349. **Bright Yellow.** Pkt., 10c. 3375. **All Colors Mixed.** Pkt., 10c.

3376. **NUDICHAULE COCCINEUM FL. PL.** (Novelty 1893.) New double-flowering form of the orange-scarlet Iceland Poppies, producing 50 per cent. perfectly double flowers. Pkt., 10c.



GIANT PARISIAN.

GIANT SPOTTED WHITE.

PEACOCK.

PANSY.

So widely known is this favorite flower that description seems unnecessary. We have made Pansy seed one of our specialties, our constant aim being to steadily improve the high standard of our Pansy seed. Many unsolicited testimonials from our customers attest how well our different strains maintain their position at the "head of the line" and give perfect satisfaction.

FOUR GRAND PANSIES

3248. **CARDINAL.** Undoubtedly the nearest approach to the long looked for scarlet Pansy, and the brightest color in the almost endless list of varieties. Pkt., 7c.

3249. **PEACOCK.** A beautiful Pansy indeed. The flowers are of superbly rich colors, maroon, purple and lovely peacock blue, blended in a most pleasing manner. Pkt., 10c.

One Packet each of above 4 Grand Pansies for 25c.

GIANT PANSIES.

In size and form of flower the Giant Pansies excel all others. Of recent years beautiful coloring has been added. These two desirable qualities will be found in perfection in this strain. The marked difference between the pansy flowers of a few years ago and those of the Giant Pansies is extraordinary, the petals being thick and of remarkable substance.

The entire collection of 15 packets (including mixed) for 90c. net. This is a great reduction and should result in these lovely pansies being planted very extensively. Try these Pansies once and you will never be without them afterwards.

3252. **Giant Striped.** Extra large flowered, carefully selected strain, beautifully striped. Pkt., 5c.

3253. **Giant Azure Blue.** New. Pkt., 7c.

3254. **Giant Blue Black.** Splendid. Pkt., 7c.

3255. **Giant Parisian.** Flowers as large as the Trimardeau but far superior in substance and coloring. Pkt., 10c.

3256. **Giant Snowflake.** Delicate satiny white. Very pretty. Pkt., 15c.; 2 for 25c.

3257. **Giant Lord Beaconsfield.** Deep purple violet, shading off to a white hue. A great favorite. Pkt., 7c.

3258. **Giant Yellow Gem.** Without eye. Fine. Pkt., 10c.

3259. **Giant Dark Purple.** Rich, royal purple. Pkt., 5c.

3260. **Giant Auriculaflowered.** These have very fine substance and beautiful shadings. Pkt., 5c.

3265. **GIANT PANSIES MIXED.** All the above splendid sorts and some others, specially combined to secure greatest variety of colors with extra large flowers of fine form and substance. Pkt. (about 250 seeds), 10c.

3296. **MAMMOTH BUTTERFLY PANSIES.** A strain of fancy pansies introduced a few years ago by a well known eastern seed house. Our trials of these Pansies warrant us in giving them a place in our list. The flowers are about as half as large again as ordinary pansies, and for marking and coloring they have no equal. Pkt., 15c.

3297. **T**HIS is a mixture made by ourselves personally and is composed of seeds supplied by the most famous Pansy specialists both of Europe and America. Professional florists, as is well known, are most critical

* BARNARD'S *
FLORIST'S MIXTURE.

buyers, and the fact that our orders for **Barnard's Florist's Mixture** from these men have more than doubled, should convince the most skeptical that this mixture is all we claim for it. Try it. It will produce for you, as it has done for others, the most magnificent flowers in size, texture, variety and coloring which will be admired by all beholders. Pkt., 20c.; 3 for 50c.; $\frac{1}{2}$ oz., \$1.50.

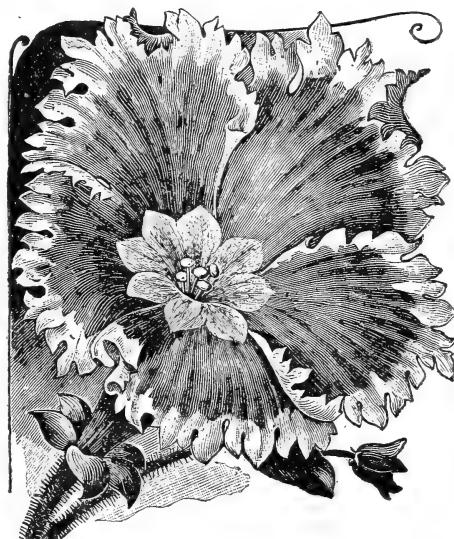
PRIZE PANSIES.

THE best for bedding. The plants grow strong and thrifty with flowers of good size and substance.

Per pkt., any of the following, 3c.; 6 for 15c.

3298. Azure Blue. Handsome, rich, velvety. 3304. Bronze Colored. Showy and attractive. 3305. Brown Shades. Light and dark. Beautiful. 3306. Candidissima or Snow Queen. Satiny white. 3256. Dark Purple. Deep, rich color. Splendid. 3257. Emperor William. Brilliant ultramarine blue with purple eye. 3262. English Show "Face Pansy." Bright blue. 3263. Fire King. The three lower petals each have a large deep, brown red blotch margined with yellow, upper two petals are a really fiery shade. Pkt., 10c. 3298. King of the Blacks. The darkest out, almost coal black; comes true from seed.	3233. Golden Gem. Pure Yellow. 3324. Gold Margined. Most distinct. 3264. Havana Brown. New shades. Rich, glossy brown. 3325. Light Blue. A beautiful, delicate color. 3226. Lord Beaconsfield. Deep purple violet, shading upwards to nearly white. 3265. Mahogany Colored. Splendid. 3338. Mottled and Striped. Very fancy. 3337. Odier. Beautiful, five blotched flowers. 3270. Purple, White Edge. Distinctly marked. 3280. Quadricolor. Pretty and peculiar, steel blue, edged with red and white. 3281. Silver Edged.
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3282. **PRIZE PANSIES MIXTURE.** All the above and others in splendid mixture affording an opportunity to obtain a magnificent bed of Pansies at trifling cost. Pkt., 3c.; $\frac{1}{2}$ oz., 25c.



PETUNIA—SUPERBISSIMA.



PETUNIA—DOUBLE LILIPUT.

PETUNIA.

Few plants will equal the beautiful and charming Petunia in effect for massing or bordering. They are of exceedingly easy culture, either grown out-doors or in pots, profuse bloomers, showing the most beautiful coloring in lovely shades and markings. Although perennials they bloom very readily from seed in a remarkably short time.

DOUBLE PETUNIAS.

3401. **Double Liliput.** Small flowers, blotched and striped. Pretty for pots. Plants dwarf and bushy. Will give 50 to 60 per cent. of double flowers. Pkt., 25c.

3405. **Double Dwarf Inimitable.** Cherry and white flowers. About 25 per cent. will be double. Pkt., 25c.

3410. **Double Fringed.** Large flowers. Pkt., 35c.

BARNARD'S DOUBLE PETUNIA MIXTURE.

3419. For florists and others we make a mixture of Double Petunias, containing the above and others including a very large strain with flowers 3 to 4 inches across, in the most beautiful shades; blotched, striped, veined, fringed etc. The percentage of double sorts this seed will produce is high, and all the flowers are remarkably choice and handsome. Pkt., 25c.

SINGLE PETUNIAS.

3400. **Fine Mixed.** A very choice strain. Excellent for bedding. $\frac{1}{4}$ oz., 25c.; pkt., 3c.

3384. **Dwarf Inimitable.** Bushy little plants, 5 to 8 inches high covered with cherry red flowers with white star. Pkt., 5c.

3495. **Blotched and Striped.** Fine for window boxes and bedding. Pkt., 3c.

SINGLE PETUNIAS—Continued.

3385. **Countess of Ellesmere.** Pink white throat. Pkt., 3c.
 3499. **Alba.** White. Suitable for cemeteries. Pkt., 5c.

SINGLE LARGE-FLOWERING PETUNIAS.

3382. **Giants of California.** Flowers of extraordinary size in every shade of color from crimson to purest white. Their markings and variations are very odd. Some of the colors are rich and showy, others of lovely delicate shades. Pkt., 15c.

3378. **Fringed (FIMBRIATA).** Flowers 4 to 5 inches across, of great variety of colors and markings. Deeply fringed. Pkt., 15c.

3379. **Superbissima.** Handsome purple, velvety flowers with veined throats. They are among the finest in form, substance and dimensions. We have given very particular attention to securing seed from a most celebrated grower. 20c.

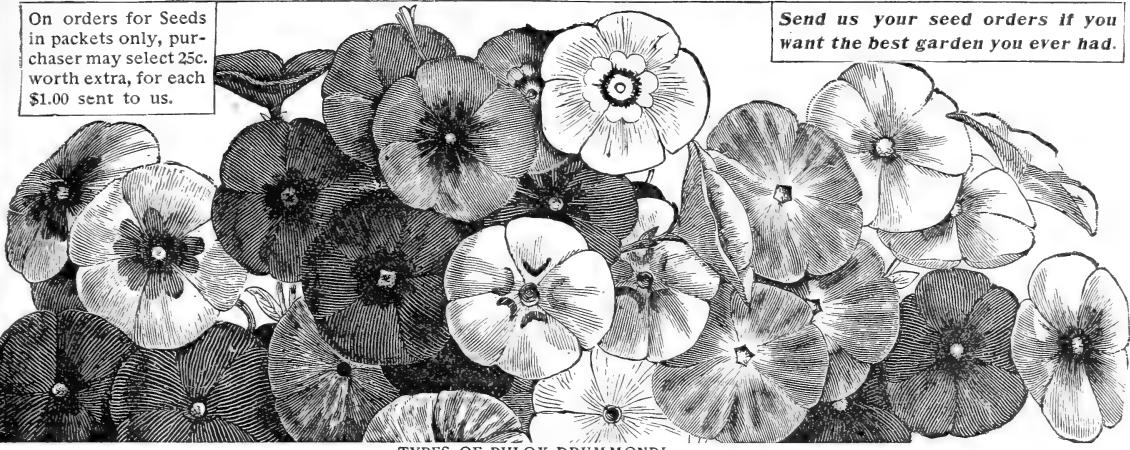
3410. **Green Margined.** Rose colored flowers with veined throats, margined with light green. Pkt., 20c.

BARNARD'S LARGE FLOWERING MIXTURE.

3412. This splendid mixture made up partly from named sorts by ourselves includes all the above and others. It will produce flowers of richest texture, wide range in color, and of surprising size. We can confidently recommend it. Pkt., 20c.

On orders for Seeds in packets only, purchaser may select 25c. worth extra, for each \$1.00 sent to us.

Send us your seed orders if you want the best garden you ever had.



TYPES OF PHLOX DRUMMONDI.

PORTULACCA. (ROSE MOSS.)

This is undoubtedly one of the neatest and best adapted little annuals for rock work, baskets or beds. If sown in sunny places it will bloom in great profusion, and the flowers of the double sorts remain open all day. 6 inches. H. A.

3212. Single White. Pkt., 3c.	3225. Double White. Pkt., 10c.
3213. " Pink. " 3c.	3226. " Pink. " 10c.
3214. " Scarlet. " 3c.	3228. " Scarlet. " 10c.
3219. " Yellow. " 3c.	3229. " Yellow. " 10c.
3220. " Mixed. " 3c.	3233. " Mixed. " 10c.

PASSIFLORA. (Passion Flower.)

Rapid growing perennial climber for conservatory or sunny position in open ground. Comes readily from seed. H. P.

3221. Incarnata. ("May Pops.") Flowers white with purple rays. Pkt., 10c.
3223. Cœrulea. Violet and blue. Pkt., 5c.
3224. Coccinea. Vivid scarlet flowers. Pkt., 5c.
3222. Mixed. Choice assortment of colors. Pkt., 5c.

PENSTEMON.

3227. Very ornamental plants that make a splendid effect in borders, etc. They bloom from June until late in the fall. The half-pendant bell-shaped flowers show beautiful shades and markings of scarlet, pink, white and blue. Sow in May in a cool, shady place. 2 ft. H. P. Large flowering, mixed. Pkt., 5c.

PERILLA.

Handsome plants, 18 inches high, with ornamental bronze red foliage, very effective for ribboning.

3238. Nankinensis Atro Laciiniatis. Deep mulberry foliage, edges finely cut; 2 ft. Pkt., 5c.

3244. Nankinensis Macrophylla. Dark; finely cut foliage; dwarf; fine. Pkt., 5c.

PINKS.—See Dianthus.

PYRETHRUM. (FEVERFEW.)

Yellow Foliage sorts for bedding.

3460. Aureum (Golden Feather.) Pkt., 3c. H. H. P.

3465. Golden Gem. Double white flowers. Pkt., 3c.

HARDY FLOWERING VARIETIES.

Useful for permanent beds, bearing large white, pink or crimson colored flowers. Protect slightly during severe weather.

3471. Single Large Flowering, Mixed. Pkt., 5c.

3472. Double Large Flowering, Mixed. Pkt., 25c.



STAR SHAPED PHLOX.

Don't miss our Collections of

FLOWER AND VEGETABLE SEEDS

as you will surely find among them something you want. In no other way, can so great variety of seed be obtained. See pages 79 and 80.

PHLOX DRUMMONDI.

For beauty in the flower garden nothing can surpass a bed of these most brilliant annuals. Their flowers are produced in the greatest profusion and in almost numberless hues. The large-flowering varieties are very showy. 1½ ft. H. A.

3450. Heynholdi. Beautiful colors. Suitable for pot culture. Pkt., 10c.

3459. Graf Gero. Excellent markings; growth very compact. Adapted for pot culture. Pkt., 5c.

3458. Finest Mixture. Unsurpassed for variety of colors. Oz., 50c.; ¼ oz., 15c.; pkt., 3c.

LARGE - FLOWERING PHLOX.

The large flowering Phloxes show decided improvements in size, shape and color over the old Drummondi class. The flowers are round, the petals overlapping each other. 1 ft. H. A.

3420. Pure White. 3422. Elegans.

3421. Rosy Carmine. 3423. Blood Red.

3424. Chamois Rose. 3429. Mixed.

Per pkt., 5c.; any 4 for 15c.

STAR - SHAPED PHLOX.

3434. Star of Quedlinburg. The center of each petal runs out to a point beyond the edge which gives the flowers a *regular, star-like form*. Plant of compact habit, bearing large umbels of flowers. Mixed Colors. Pkt., 7c.; 3 for 20c.

DOUBLE FLOWERING PHLOX.

Some of these will prove only semi-double. To produce the best double flowers they should be grown in light sandy soil. Flowers are very durable, the white especially, as a cut flower.

3353. Double White.

3354. Double Scarlet.

3355. Double Mixed.

Each, per pkt., 10c.

DWARF OR NANA COMPACTA PHLOX.

The little compact plants grow only about 6 or 8 inches high, and are literally covered with flowers. Splendid for edgings, beds and pot culture.

3439. Pure White.

3444. Red.

3445. Blush Rose.

3450. Rose.

3451. Blood Red.

3452. All Colors Mixed.

Per pkt., 10c.; 3 pkts. for 25c.

HARDY PHLOX. (P. DECUSSATA.)

3457. They are perfectly hardy and need no protection; will grow in any soil, but succeed best in deep, rich, rather moist ground. Their handsome trusses of flowers are very showy and last a long time. Best large flowering, mixed. Pkt., 10c.

For plants of Hardy Phlox—see List of Plants

PRIMROSES.

CHINESE Primroses are lovely and useful little plants for pot culture, that bloom most freely during winter and spring. The delicate colored flowers measure $1\frac{1}{2}$ to 2 inches and are borne in large clusters. Sow in February or March in very fine, light soil. Pot into small pots, shift two or three times during the summer, and keep in a cool, moist, shady place, and success is sure. T. P.

Our Primula seed is from the best European growers, and in quality is second to none.

Single, Large-Flowering, Fringed Varieties.

3473. **Alba Magnifica.** Splendid pure white flowers with yellow eye, measuring two inches. Very beautiful. Pkt., 25c.

3476. **White.** Pkt., 25c. | 3477. **Red.** Pkt., 25c.

3482. **Crimson.** Pkt., 25c.

3474. **Fern Leaved.** Very pretty, long fern-like foliage. Mixed Colors. Pkt., 25c.

3483. **Mixed, Large Flowering Varieties,** includes all the above and several others. 100 seeds. 15c

Double Large Flowering, Fringed Varieties.

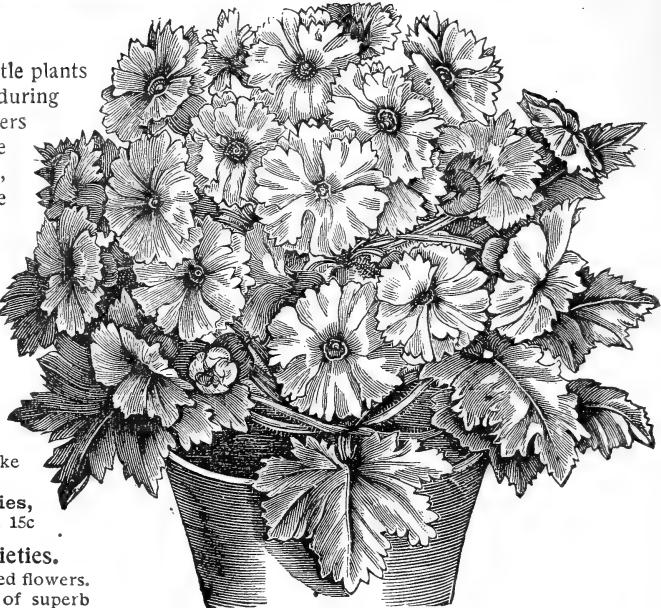
Saved from the most select, large flowered fringed flowers. The seed we offer will produce a large percentage of superb double flowers of great substance and fine form.

3484. **White.** Pkt., 50c. | 3489. **Red.** Pkt., 50c.

3494. **Double Mixed.** Pkt., 50c.

PRIMULA OBCONICA.

3495. An everblooming Primrose which blooms during eight months of the year. Flowers white with a tinge of lilac, borne on stems about nine inches high. If sown in March will bloom in June. It is one of the most useful pot plants for the window, and if planted out makes a very attractive border plant. Pkt., 10c.



PRIMULA SINENSIS FIMBRIATA.

HARDY PRIMROSES.

Under this heading will be found some well known favorites, which are constantly increasing in popularity. They are beautiful, low growing, early spring flowering plants suitable for rockeries, borders and pot culture. They should have a place in every garden. Our seed is from an English grower who has given much attention to this flower. H. P.

3475. **English Yellow Primrose.** (P. VULGARIS.) So well known to all flower lovers as to need no description. Pkt., 10c.

3495. **Polyanthus.** (P. ELATIOR.) Any one who has seen or read of the beautiful beds of this lovely flower as grown in the public parks and private gardens of England will be sure to want a packet of seed. Flowers are borne on long stalks, each surmounted by a large number of handsome flowers. Mixed colors. Pkt., 10c.

3496. **English Cowslip.** (P. VERIS.) This is an old favorite flower, blooming very early in spring. Mixed. Pkt., 10c.

3497. **Japanese Primrose.** (P. JAPONICA.) This is one of the most beautiful; is hardy in most parts of Europe but in this country should be protected or grown during the winter in cold frames. The flowers which measure an inch across are of various colors, crimson, maroon, lilac, pink, white, etc., borne on stems about eighteen inches high. Pkt., 10c.

RICINUS, OR CASTOR OIL BEAN.

Rapid growing, stately plants, with very ornamental foliage and showy fruits. They are splendid for subtropical effects, either planted singly on the lawn or in the centre of a Canna or Caladium bed. 6 to 15 ft. H. H. A.

3504. **Borboriensis Arboreus.** Beautiful green leaves of immense size. 12 to 15 ft. Pkt., 3c.

3505. **Zanzibarensis.** An entirely new and distinct class of Castor Oil Beans from Africa, having short, stocky stems and enormous leaves, often two to two and one half ft. across. Foliage of different colors, dark predominating. The seeds are very large and particularly handsome in appearance. All the varieties have a tropical, luxuriant form and are sure to please all who try this sort. Mixed. Pkt., 5c.

3506. **Sanguineus.** Beautiful dark foliage and bright seed pods. Very showy. 6 ft. Pkt., 3c.

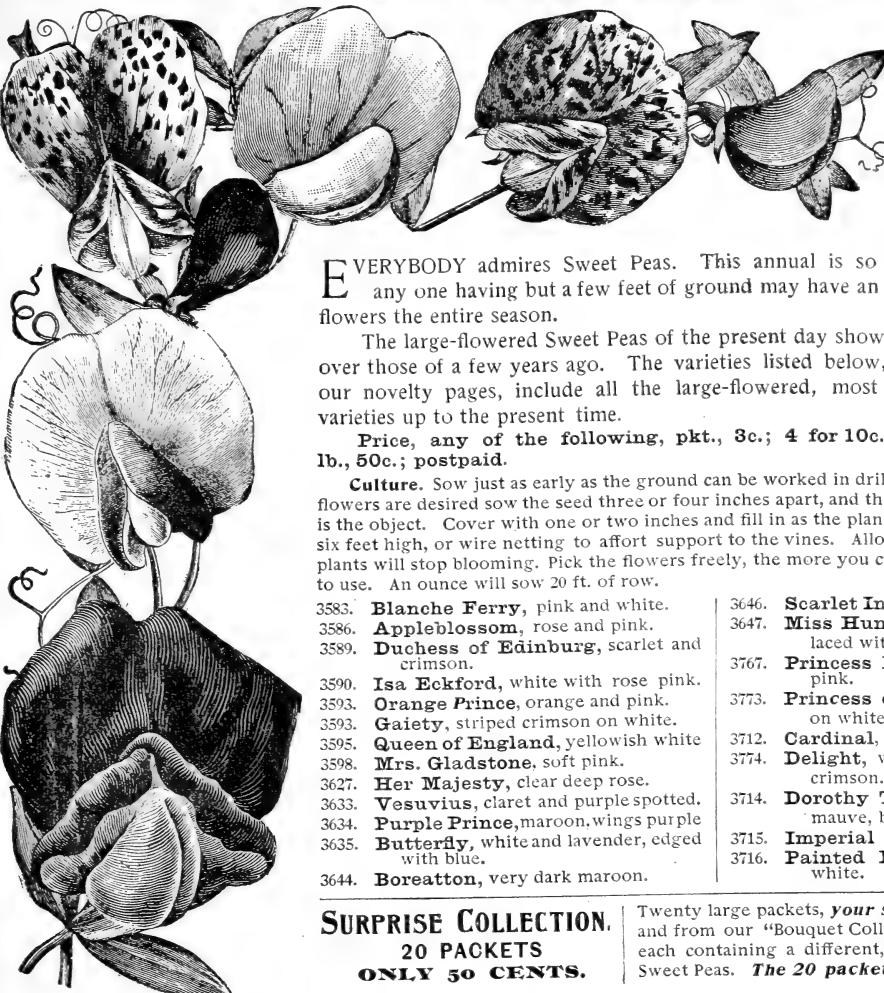
3508. **Gibsoni.** Dark purplish red foliage and stems; highly ornamental; 6 ft. Pkt., 3c.

3509. **Castor Beans, Mixed.** Above and several others. 5c.



ZANZIBAR CASTOR BEAN.

You can do your friends a favor as well as us, by asking them to join with you in ordering Flower and Vegetable Seeds, or by sending their names and addresses that we may mail them a Catalogue.



SWEET PEAS.

See also Novelty Pages.

EVERYBODY admires Sweet Peas. This annual is so easy of cultivation that any one having but a few feet of ground may have an abundance of the lovely flowers the entire season.

The large-flowered Sweet Peas of the present day show a marked improvement over those of a few years ago. The varieties listed below, together with those in our novelty pages, include all the large-flowered, most beautiful and popular varieties up to the present time.

Price, any of the following, pkt., 3c.; 4 for 10c.; oz., 7c.; ¼-lb., 15c.; lb., 50c.; postpaid.

Culture. Sow just as early as the ground can be worked in drills six inches deep. If large flowers are desired sow the seed three or four inches apart, and thicker if quantity of flowers is the object. Cover with one or two inches and fill in as the plants grow up. Provide brush six feet high, or wire netting to afford support to the vines. Allow no seed to form or the plants will stop blooming. Pick the flowers freely, the more you cut, the more you will have to use. An ounce will sow 20 ft. of row.

3583. Blanche Ferry , pink and white.	3646. Scarlet Invincible , brilliant scarlet
3586. Appleblossom , rose and pink.	3647. Miss Hunt , standard salmon, wings laced with rose pink.
3589. Duchess of Edinburgh , scarlet and crimson.	3767. Princess Beatrice , a popular rosy pink.
3590. Isa Eckford , white with rose pink.	3773. Princess of Wales , striped mauve on white ground.
3593. Orange Prince , orange and pink.	3712. Cardinal , crimson scarlet.
3593. Gaiety , striped crimson on white.	3774. Delight , white slightly crested with crimson.
3595. Queen of England , yellowish white.	3714. Dorothy Tenant , fine deep rosy mauve, beautiful.
3598. Mrs. Gladstone , soft pink.	3715. Imperial Blue , blue shaded mauve.
3627. Her Majesty , clear deep rose.	3716. Painted Lady , the old pink and white.
3633. Vesuvius , claret and purple-spotted.	
3634. Purple Prince , maroon, wings purple	
3635. Butterfly , white and lavender, edged with blue.	
3644. Boreatton , very dark maroon.	

SURPRISE COLLECTION. 20 PACKETS ONLY 50 CENTS.

Twenty large packets, **your selection**, from above list and from our "Bouquet Collection" (see novelty pages) each containing a different, new, improved variety of Sweet Peas. **The 20 packets prepaid, for only 50c.**

ROYAL MIXTURE.

3595. To enable customers, who cannot spare separate space for the cultivation of the different sorts of Sweet Peas we offer this special mixture, made up of all the grand varieties introduced the last few seasons. Strictly speaking, this is not a mixture, but should rather be called a collection of the newest and most improved sorts, including our Bouquet mixture. This mixture is made up under our personal supervision and we confidently assert it will prove highly satisfactory. **Pkt., 3c.; oz., 7c.; ¼-lb., 25c.; lb., 60c.**

SUBURBAN MIXTURE.

Containing many distinct named varieties with great variety of color. Offered as it is at so low a cost, it should be planted liberally and will give **complete satisfaction**. We make our own mixtures. **lb., 35c.; ½-lb., 20c.; ¼-lb., 10c.; oz., 5c.; pkt., 3c.**

STOCKS are greatly prized for cut flowers on account of their fragrance and beauty. The seeds may be sown in the open ground in May; if started in the house or cold frame, transplant as soon as danger of frost is over.

LARGE FLOWERING DWARF GERMAN TEN WEEKS STOCKS.

(Dwarf Double Erfurt Strain.)

3556. Pure White . Pkt., 10c.	3559. Crimson Pkt., 10c.
3557. Rose " 10c.	3561. Canary " 10c.
3558. Light Blue .. " 10c.	3562. Mixed " 10c.
3560. Wallflower-Leaved . Pkt., 5c.	
3563. Collection of Six Distinct Colors . Pkt., 30c.	

3565. **Snowflake**. Pure white, large spike of enormous flowers. Splendid for forcing. ¾ ft. Pkt., 15c.

3566. **Cut and Come Again**. "Princess Alice." "White Perfection." A perpetual bloomer; flowers double; perfectly white and well formed. Valuable for bouquets. 18 in. Pkt., 10c.

3570. **Brompton Stock**. Mixed Colors. Strong growing. Flowering in the winter or early spring. Much admired. B. Mixed. Pkt., 10c.

3571. **Intermediate or Autumnal**. Finest double mixed sorts. Pkt., 10c.

3572. **East Lothian**. Late autumnal flowering. Pkt., 15c.

Our "Bonquet Collection" of Sweet Peas (see Novelty Pages), is worth your attention.



SALPIGLOSSIS.

SALPIGLOSSIS.

Strong bushy plants with large beautiful flowers, delicately marked. They remain long in bloom, and the richly colored flowers are among the best of autumn flowers. 1½ ft. H. A.

3514. Large Flowered. Mixed. Pkt., 5c.

SALVIA.—(Flowering Sage.)

Handsome bedding and pot plants, having long flower-spikes of brilliant colors. They bloom the first year from seed. H. H. P.

3510. *Argentea*. Silvery foliage and white flowers. 2½ ft. Pkt., 5c.

3511. *Coccinea Hybrida*. Dark crimson, dwarf. 1 ft. Pkt., 5c.

3512. *Patens*. Deep blue; almost new. 2 ft. Pkt., 15c.

3513. *Splendens*. Bright scarlet; most showy and popular sort. 3 ft. Pkt., 10c.

SOLANUM.

3533. *Capisciastrum*. (Jerusalem Cherry.) A small house and greenhouse shrub, with abundance of pretty green leaves, it bears an annual crop of round, scarlet, cherry-like fruit, that remains an ornament for a long time. 2 ft. Pkt., 10c.

SMILAX. (Myrsiphyllum.)

3532. *Asparagooides*. This is the most useful greenhouse climber known; foliage small, glossy-green, flowers small, white, very fragrant. 8 to 10 ft. T. P. New crop seed, per oz., \$1.50. Pkt., 10c.

STATICE.

Free-blooming plants, with small everlasting flowers.

3537. Annual Varieties. Good mixtures. Pkt., 5c.

3538. Half Hardy Perennial Varieties. Mixed. Pkt., 5c.

3539. Hardy Perennial Varieties. Best mixed. Pkt., 5c.

3540. *Suworowi*. New; long spikes of fine pink flowers; beautiful. A. Pkt., 5c.

SNAPDRAGON. (See *Antirrhinum*.)**SWEET SULTAN.** (See *Centaurea*.)**Sweet William.**

(*Dianthus Barbatus*.)

Well known old favorites, with brilliant colored, sweet-scented flowers, very attractive in beds or planted among shrubbery.

Pkt. Pkt.

3541. Single Scarlet.... 3c. 3544. Double Crimson.... 5c.

3542. " Pure White. 3c. 3549. " White..... 5c.

3543. " Mixed..... 3c. 3550. " Mixed..... 5c.

Scabiosa. (Mourning Bride.)

One of the most attractive summer flowering plants, bearing beautifully colored flowers; excellent for cutting.

3519. Tall Double. Fine mixture of the best varieties. A. Pkt., 2c.

3520. Dwarf Double. Choice colors mixed. A. Pkt., 3c.

3518. *Candidissima*. Double white flowers; useful. 1½ ft. Pkt., 3c.

3521. *Caucasica*. Hardy Scabiosa. Lovely pale-blue flowers, 3 to 4 inches across, very useful for cutting. 2 to 3 ft. Pkt., 5c.

3522. GOLDEN YELLOW DOUBLE SCABIOSA. (*Scabiosa minor fl. pl. aurea*.) NOVELTY 1893. The plants of this pretty and useful novelty are semi-dwarf and bushy, and bear in great profusion compact double flowers of a very fine golden yellow color, which are admirably adapted for cutting. Pkt., 5c.



SCABIOSA.

SEDMUM. (Stonecrop.)

Interesting little plants; good for baskets, rock-work, etc.

3525. Finest Mixed. ¼ ft. Pkt., 10c.

SENSITIVE PLANT.

(See *Mimosa*.)

SILENE. (Catchfly.)

Dwarf growing little annuals, blooming freely in any ordinary garden soil; bright colored flowers.

3526. *Armeria*. Fine mixed, several shades. Pkt., 3c.

3527. Pendula. Double White. Pkt., 5c.

3528. Pendula. Double Rose. Pkt., 5c.

SCARLET RUNNER BEAN.

3524. A well-known favorite climber; with brilliant scarlet flowers, fragrant. 12 ft. Pkt., 5c.

SCHIZANTHUS.

(Butterfly Flower.)

3534. A regular gem among the garden annuals. The fringed flowers are beautifully colored and marked. Fine mixed. Pkt., 5c.

TAGETES.—(See Marigold.)**THUNBERGIA.**

A genus of ornamental climbers that grow rapidly and flower freely. Give a warm place and light, rich soil; 4 ft. H. H. A.

3705. *Alata Alba*. White, with dark eye, fine; 5 ft. Pkt., 5c.

3706. *Alata*. Buff, with dark eye; pretty, 5 ft. Pkt., 5c.

3708. *Amantiaca*. Bright orange, with dark eye; 5 ft. Pkt., 5c.

3709. *Bakeri*. Pure white; very fine; 5 ft. Pkt., 5c.

3710. *Mixed*. All the above sorts. Pkt., 5c.

TORENIA.

These beautiful, free-blooming, trailing plants are charming for baskets, vases, or for summer garden decoration; 1 ft.

3696. *Bailloni*. Yellow, with brownish-red throat. Pkt., 10c.

3697. *Fournieri*. Velvety-blue; charming. Pkt., 10c.

3698. *White Wings*. New; very lovely; flowers pure white, with rosy throat. A perfectly distinct variety. Pkt., 10c.

3702. **FOURNIERI COMPACTA**. A decided improvement in habit of growth to the old *Fournieri*, which it exactly resembles in size and color of flowers. Pkt., 10c.

W.W. BARNARD & CO.

TESTED SEEDS

CHICAGO, ILL.

Verbena.

EXTREMELY beautiful and highly ornamental plants of dwarf growth, with an abundance of flowers in the most brilliant colors. If started early in the house they will bloom continuously from early in the season until late in the fall. For effective bedding and edging they are almost indispensable. The large flower heads, colored in the most brilliant shades, nearly cover the entire plant. They furnish good material for cutting. Although Verbenas can readily be raised from slips, plants grown from seed are preferable. They bloom more freely and have more robust health; 1 ft. H. H. P.

- 3713. Pure White. Pkt., 5c.
- 3718. Virid Scarlet. Pkt., 5c.
- 3723. Striped Varieties. Pkt., 5c.
- 3724. Purple. Pkt., 5c.
- 3729. Blue Varieties. Pkt., 5c.
- 3730. Extra Choice Mixed. Pkt., 5c.

3740. **NEW YELLOW-LEAVED VARIETIES.** (Cloth of Gold.) The golden yellow foliage stands in beautiful contrast with the bright colored flowers. Mixed colors. Pkt., 5c.

MAMMOTH VERBENA.

An improved strain, producing immense flowers of splendid color. Our strain is saved from finest specimens only.

- 3741. Mixed Colors. Pkt., 10c.

NEW DWARF VERBENA.

The best variety for bedding, growing only about 6 inches high and not showing any trailing habit of the older varieties.

- 3742. Mixed Colors. Pkt., 10c.

VIOLETS.

They are very fragrant, half-hardy perennials. Will live here through the winter by slight covering, or in frame. Their principal use is for winter cut-flowers, and for this must be kept in the greenhouse or conservatory, close to the glass.

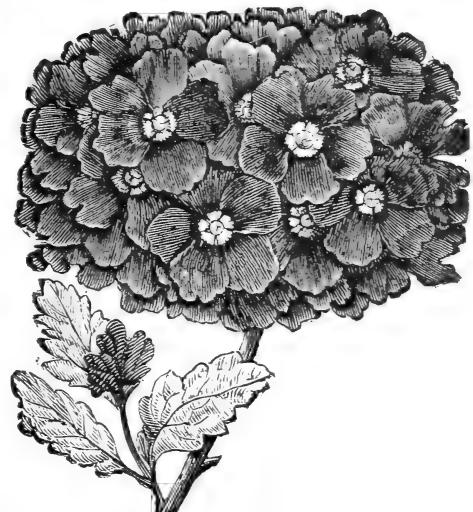
- 3686. Single Blue. Very sweet scented. Pkt., 5c.
- 3687. Single White, The Czar. Highly fragrant and free-flowering. Pkt., 10c.

(For prices of plants, see Plant Department.)

WALLFLOWER.—(Cheiranthus Cheiri.)

But few species of this genus are cultivated. What are grown are deliciously fragrant, and their flowers are distinguished for fine colors. H. H. P.

- 3670. Double Violet. A fine shade. Pkt., 10c.
- 3671. Select Single. Best mixed sorts. Pkt., 5c.
- 3672. Double Yellow. Very choice. Pkt., 10c.
- 3673. Select Double. Mixed colors. Pkt., 10c.
- 3674. Double Brown. Deep colored, almost black. 10c.



MAMMOTH VERBENA.

VINCA.

Handsome bushy plants that flower freely the first summer in the open ground. Better to start in March and transplant in May.

- 3668. Alba. Pure white, tree form; 2 ft. Pkt., 5c.
- 3659. Rosea. Fine shade of rose; 2 ft. Pkt., 5c.
- 3660. Rona Alba. White, with rose eye; 2 ft. Pkt., 5c.
- 3665. Mixed. The above varieties. Pkt., 5c.

WILD CUCUMBER.

This is the quickest climber for Arbors, Trellises, Fences, etc., known. It will grow thirty feet in one season, has dense, graceful foliage, which is thickly dotted with pretty white, fragrant flowers; these in turn are followed by an abundance of small ornamental and prickly seed pods. Once planted, this vine seeds itself and comes up every year. 10 cents.

YUCCA.—(Adonis Needle.)

3675. Filamentosa. This is a hardy perennial plant, with a very short trunk covered with the lanceolate unarmed leathery leaves, which bear filaments on their margins. The seeds readily vegetate in garden soil. The scape-like flower-stem attains the height of 5 to 7 ft. The flowers are numerous, large and very showy. Pkt., 10c.

Zinnia.

These annuals are well worthy of extensive cultivation. Very showy plants, with large double flowers, which, when fully expanded, form hemispherical heads, become densely imbricated, like Dahlias; 2 ft. H. H. A.

3683. TALL DOUBLE VARIETIES. These showy, desirable, double flowers are an acquisition, even among our large number of floral beauties. Mixed; 2 ft. Pkt., 5c.

3684. DWARF DOUBLE VARIETIES. A new strain of dwarf, very double varieties, distinct from the above; colors splendid, mixed. Pkt., 5c.

3687. Zebra. A sporting strain of striped flowers, curious and pretty. Pkt., 5c.

DWARF, LARGE FLOWERING SORTS.

- 3685. Double White. Pkt., 5c.
- 3686. " Scarlet. Pkt., 5c.
- 3689. " Yellow. Pkt., 5c.
- 3693. " Striped. Pkt., 5c.
- 3694. " Mixed. Pkt., 5c.

NEW GIANT ZINNIAS.

An improved strain, with very double brilliant colored flowers of immense size.

- 3695. Finest Mixed. Pkt., 5c.



GIANT ZINNIA.

W.W. BARNARD & CO.

TESTED SEEDS

CHICAGO, ILL.

IMP ENG G.

EVERLASTING FLOWERS.

We group these under one head for convenience in ordering. The Everlastings as they are usually called are very pretty for winter decorations and will last a long time when cut and dried. They will all grow in any common garden soil and are of the easiest culture.

Any of the following, per pkt., 5c.; 6 pkts. for 25c.

- 222. **ACROLINUM**, long stemmed flowers, rose and white.
- 2693. **GOMPHRENA** (*Globe Amaranth*.) Mixed. All colors.
- 2720. **HELICHRYSUM**. Double Mixed. Splendid for bouquets. Can be dyed to any desired color or shade.
- 2722. — **Silver Ball**. Flowers immense size; double, white.
- 2733. **HELIPTERUM** Sanfordi. A very pretty Everlasting. Flowers yellow.
- 3500. **RHODANTHE**. Single Mixed.
- 3676. **XERANTHEMUM**. Extra double, small flowers.
- 3677. — **White**. Very double flowers.
- 3678. — **Dwarf Double**. Purple and white.



WILD FLOWER GARDEN MIXTURE.

These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodland walks, roadsides, railroad embankments and for sowing alongside of fences, and on any untidy bare spots of ground which are so frequently unsightly and which, if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer. Pkt., 5c.; oz., 25c.

FLOWER SEEDS BY WEIGHT.

	PER OZ.		PER OZ.		PER OZ.
Alyssum, Sweet.....	.25	Dolichos (Hyacinth Bean).....	.20	Pansy , Giant Mixture, $\frac{1}{2}$ -oz.....	4.00
Antirrhinum (Snapdragon) Mixed.....	.60	Escholtzia (California Poppy).....	.30	" Prize Mixture, $\frac{1}{4}$ -oz.....	1.50
Asters, Tall, Mixed	1.00	Four O'Clock , Mixed.....	.20	" Barnard's Fl. Mix, $\frac{1}{8}$ -oz.....	\$1. 7.00
" Dwarf, Mixed	1.00	Globe Amaranth , Mixed.....	.20	Phlox Drummondii , Mixed.....	.80
Balsams, Double Mixed.....	.70	Marigold , Mixed.....	.20	" Large-Flowering, Mixed.....	1.50
Candytuft, Best White.....	.20	Mignonette , Large-Flowering.....	.20	Poppy , Carnation-Flowered, Mixed.....	.25
" Crimson.....	.40	" Ameliorata.....	.30	Portulacca , Single, Mixed.....	.75
" Mixed.....	.25	" Gabriele.....	.60	Ricinus (Castor Bean), Mixed.....	.20
Canna, Fine Mixed.....	.30	" Miles' Spiral.....	.30	Sweet Peas , "New Varieties".....	.10
Convolvulus Major , Mixed .....	.10	Nasturtium , Tall, Mixed, lb., \$1.25	.15	" Royal Mixture, lb., 60c.....	.7
" Minor, Dwarf, Mixed.....	.10	" Dwarf , Mixed, lb., \$1.25	.20	" Suburban Mixture, lb., 35c.....	.5
Cypress Vine , Mixed.....	.40	" Lobb's , Mixed, lb., \$2.00	.15	Verbena , Mixed.....	2.00
Dianthus Chinensis (C. Pink), Mixed	.40	Petunia , Single, Fine Mixed.....	1.50	Zinnia , Double Mixed.....	.30

SUPERB GLADIOLI We cannot too highly recommend our superb Gladioli bulbs. Nothing that we offer will give more pleasure for the money expended. We have as fine a strain of Gladioli as offered by any one and you can buy from us at very low prices. See page 85.

Our Low Prices. We now allow the purchaser to select seeds in packets and ounces to the value of \$1.25 for each one dollar. Please read our liberal Discount on page 17.

SPECIAL COLLECTIONS OF FLOWER SEEDS.

Every variety of flower seeds we send out is put up in a handsomely colored lithographed packet on which is printed full cultural directions. We put a good supply of fresh seeds into each, and guarantee every collection will give the utmost satisfaction. For people who have not time to cultivate a number of named varieties, and for those, who are unfamiliar with varieties adapted for certain purposes these collections prove just what is wanted.

These collections being put up in quantity in advance of our busy season, cannot be altered in any way.

FOR CHILDREN.

5 Pkts.

ONE DIME.

Balsams, Candytuft, Four O'clock. Sweet Pea, Pansy. Five splendid annuals which will give pleasure all summer. 10c.

FOR BOUQUETS.

14 Pkts.

"ONLY A QUARTER"

Here are fourteen choice annuals, easily grown, specially selected as best for cutting for bouquets. Aster, good mixed. Sweet Alyssum. Agathea. Ageratum, mixed. Balsam, double mixed. Calliopsis. Carnation, Margaret. Candytuft. Convolvulus, Minor. China Pinks. Nasturtium, tall. Pansy, mixed. Sweet Peas, mixed. Zinnia, mixed. Price, the entire 14 pkts., 25c.

NOVELTY COLLECTION.

10 PKTS.

"HALF A DOLLAR."

We put into this collection ten of the latest novelties in flower seeds, several of which sell at 15c. per pkt. and higher. The selection is our own but all are so desirable that every purchaser will be more than pleased. Price, 50c. postpaid.

FLOWER GARDEN COLLECTION.

40 PKTS.

"AN EVEN DOLLAR."

Beginners in gardening will find this a good collection to buy as it contains the foundation of a permanent garden—annuals, biennials and perennials. It will make a grand show not only this summer but for years to come.

Aster, tall mixed and dwarf mixed. Agathea (Blue Daisy.) Ageratum. Balsams, double mixed. Candytuft, Empress. Canterbury Bells. Carnation, Margaret. Celosia. Castor Beans. Centaurea. Chrysanthemum, annual varieties. Columbine. Cosmos. Cypress Vine. Double Daisy. Dianthus (Japan Pink) Digitalis (Fox Glove.) Escholtzia. Everlastings. Feverfew, hardy mixed. Four O'Clock. Gaillardia. Godetia. Gourds. Hollyhocks. Morning Glory. Moonflower. Mignonette, Machet. Nasturtium, tall & dwarf mixed, oz. pkts. Pansy, Prize Mixture. Petunia. Phlox Drummondii. Portulacca. Salvia. Scabiosa. New Sweet Peas, 1oz. Verbena. Zinnia. Forty packets for \$1.00, prepaid.

BOWKER'S

PLANT FOOD

A most useful fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers. It is odorless and takes the place of liquid manure. Drives all insects out of the soil. Price, small package, containing sufficient plant food for 20 plants for 3 months 10c.; by mail, 25c.; larger package, containing sufficient plant food for one year, 25c.; by mail, 40c.

SUMMER FLOWERING BULBS.

BULBS are of easiest culture, inexpensive, and require scarcely any care. They are sure to grow and they make a grand display in a very short time after planting. All bulbs will bloom season after season and they increase very rapidly. Most of them (Lilies are an exception) should be taken up before severe frost and stored away in a frost-proof cellar to be replanted the succeeding spring. Prices given include prepayment by mail unless otherwise noted.

APIOS TUBEROSA.

A climbing vine having deep, rich purple flowers, something like the Chinese Wistaria. They have a delightful violet fragrance and bloom almost constantly. Bulbs are perfectly hardy and it is unnecessary to dig them in the fall. Each 5c.; 5 for 20c.; doz., 45c.

AMARYLLIS.

With a little forethought to plant at different times a succession of bloom may be had throughout the year.

Atamasco. Fine for bedding. Upright flowers, white suffused with flesh color. Each, 5c.; 3 for 10c.; oz., 30c.

Belladonna Major. Blooms in fall. Tall spikes carrying a dozen beautiful, fragrant silvery white flowers tipped with rose. 15c.; 3 for 40c.

Formosissima. Rich, deep velvety crimson. Succeeds in pots or grown outdoors in open ground. Each, 10c.; 3 for 25c.

Johnsonii. Dark red, with white stripes, splendid. Each, 25c.

BESSERA ELEGANS.

Ready, bell-shaped flowers, coral-scarlet with white cups. Very graceful, just the thing for borders. Each, 7c.; 3 for 15c.; doz., 60c.

BEGONIAS, Tuberous Rooted.

Of late years these Begonias have been brought to great perfection. They make splendid beds on the lawn when given protection from the hot sun by a muslin or other shade erected about three ft. above them, and as pot plants they are unexcelled. From the time the first flowers expand until frost puts a stop to further blooming these plants are literally covered with flowers of the richest colors, embracing every shade of pure white, rose, pink, scarlet, yellow and orange. The flowers often measure six inches across and are much more brilliant than the most dazzling Geraniums, and the cost is materially less. We offer first class bulbs from a celebrated English specialist.

Single Mixed. Each, 6c.; 6 for 40c.; doz., 75c.

Double Mixed. Each, 20c.; 3 for 45c.; doz., \$1.50.

Colors Separate. Single rose, white, scarlet, yellow or pink. Each, 10c.; 6 for 50c.; doz., 85c.

CALLA LILIES.—See Plants, page 85.

CYCLAMEN.

This well-known plant is only adapted for house culture in our climate, but for winter flowering it has but few superiors. Plant in rich, light soil, and water sparingly until it begins vigorous growth, after which it may be treated like other house Plants. The pretty variegated foliage and bright flowers, together with its long blooming season, render it a favorite wherever grown. Each, 25c.; 3 for 60c.

HVACINTHUS CANDicans.

Luxuriant, free-growing, summer-flowering plant, with flower stems 3 to 4 ft. high, bearing from 20 to 30 pure white flowers. Each, 6c.; 3 for 15c.; doz., 55c.



TUBEROUS BEGONIAS—Single and Double.

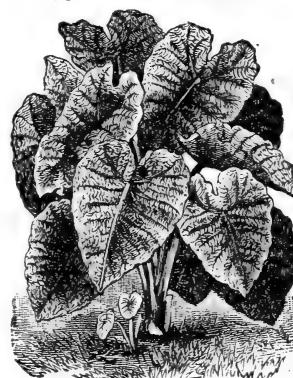
CALADIUMS.

Stately plants for planting on lawns singly or in beds with Cannas or Castor Oil plants. Their enormous leaves three feet long, make a grand tropical effect. Will grow in any good garden soil and are very easy to cultivate. Lift them in fall and keep in a warm place over winter.

First Size Bulbs, 1½ to 2 inches in diameter, 15c.; not p/pd, 10c.

Larger Bulbs, 2 to 3 " " " 30c.; " " 15c.

Mammoth Bulbs, 4 to 6 " " " 50c.; " " 30c.



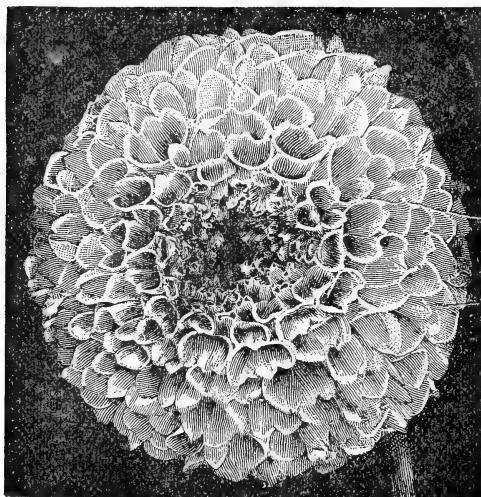
CALADIUM.

CINNAMON VINE.

A fine hardy climber, and well known in some parts of the country as Chinese Yam. The tubers grow very large and are edible, like a Sweet Potato. The vine is beautiful rapid grower, producing sweet scented flowers. Each, 10c.; 3 for 20c.; doz., 70c.

GLOXINIA.

One of the most charming green-house plants. The gorgeously colored flowers are spotted, shaded or mottled in the most magnificent way. After their blooming season, bulbs should be carefully dried and put away in a dry place. Good bulbs, finest varieties, each, 25c.; per doz., \$2.50, prepaid.



WHITE DOVE DAHLIA.

LARGE FLOWERING DOUBLE.

Each, 25c.; 3 for 60c.; doz., \$2.25, postpaid. Pot plants, after May 15, each, 20c.; doz., \$1.50.

A. D'LIVONI. 4 ft. Lovely shell-pink flowers.

CAMELLIAFLORA. Very large. One of the best whites. Much used by florists in their work.

BONNARD'S YELLOW. 4 ft. A very early bloomer.

MISS THATCHER. 3 ft. Flowers large, full, clear sulphur-yellow. The best of its color.

GLOWING COAL. 3 ft. Deep scarlet.

BLACK KNIGHT. Very dark; purple maroon.

JOHN SLADDEN. Nearly black; fine form.

SOLIMAN. Yellow striped with purple.

WHITE DOVE. Very attractive. Pure white; each petal divided into three distinct points.

Mixed; unnamed, but color stated. Each, 15c.; 4 for 50c.

SINGLE DAHLIAS.

The single varieties have become very popular, producing, as they do, large flowers of the most attractive hues very early in the season. We have an extensive collection, and can give almost any color desired, from white to the darkest maroon, or in fancy stripes and mottled. Each, 15c.; 4 for 50c.

SPECIAL OFFER. Our space is so limited that we do not list but a few of the many varieties which we have had grown for us, so if the purchaser will leave the selection to us, we will send twelve strong bulbs of any of above classes, each bulb correctly labelled, for \$1.50, or 6 for 80c.

EXTRA FINE GLADIOLI.

THE QUEEN. Undoubtedly the most beautiful Gladiolus in cultivation. The flowers are large, rich and velvety, the ground color of the petals a pearly white, which is striped with a rich carmine, shaded and blotched with rosy carmine. The plant is a strong grower, with a stout flower stalk, about three inches high, and remarkably filled out with blossoms on all sides.

MARIE LEMOINE. Long spike of fine, well-expanded flowers; upper divisions pale creamy color, flushed salmon lilac; lower divisions spotted purplish-violet, bordered deep yellow. 10c.; 3 for 25c.

SPECIAL OFFER.—One each of above extra fine Gladioli for 50c., postpaid.

50 CENT BULB COLLECTION.

Contains 13 Summer-Flowering Bulbs which we will send free by Mail or Express for 50c.

- 1 Arios Tuberosa.
- 2 Gladiolus, choice mixed.
- 1 Begonia, Tuberous.
- 1 Hyacinthus Candicans.
- 1 Tigridia.
- 3 Cinnamon Vines.
- 2 Dwarf Pearl Tuberoses.

All the above Bulbs are fully described, and some of them illustrated in the Bulb Department of this Catalogue. Compare this very low offer with regular rates.

DAHLIAS.

These very showy flowers, though for a few years out of fashion, are again coming into favor. They are of such easy culture and bloom so freely in such a variety of bright colors, and such large, perfectly formed flowers, that it is no wonder there exists so marked a revival of interest in their favor.

We give below a partial list of the varieties we have in the different classes, and can supply almost any variety of importance in cultivation. We believe our stock is the largest in this part of the country and our facilities second to none.

HOW TO GROW FINE FLOWERS.

A good mellow soil thoroughly enriched with well-rotted manure, and an abundance of water upon the plants as well as at the roots during dry hot weather, is the secret of success. Water overhead daily or oftener in hot weather. Splendid flowers in the hottest, driest season is the result. The tubers should not be put into the ground until settled weather, say May 20. We will book orders anytime, but will not fill until about May 1. Our prices are for DRY BULBS, and we shall supply these on the orders in rotation. If our stock becomes exhausted we reserve the right to substitute pot plants.

POMPONE OR BOUQUET.

Each, 20c.; 3 for 50c. Pot plants, after May 10, each, 15c.; 4 for 50c.

Pompone Dahlias have smaller flowers and are dwarfer in habit than the large flowering sorts.

LA PETITE BARBARA. 2½ ft. Pure white, fine cut-flower.

LITTLE EVA. Dwarf. White and pink. Pretty.

ALBA FLORIBUNDA. Pure white.

KATE HASLAM. 2 ft. Clear pink, bell-like flower.

SUPERB MIXED POMPONE DAHLIAS, to color, each, 15c.; doz., \$1.50.

CACTUS DAHLIAS.

Each, 20c.; 3 for 50c.; doz., \$2.00. A very showy class, especially fine for cut flowers.

PICTA FORMOSISSIMA. Bright orange, yellow margined with scarlet bands. 4 feet.

GLARE OF THE GARDEN. Beautiful scarlet flowers of odd form; early flowering. 3 feet.

WILLIAM PEARCE. Clear, deep, rich yellow; an exceedingly free bloomer.

SUPERB MIXED. Splendid colors. Each, 15c.; 4 for 50c.

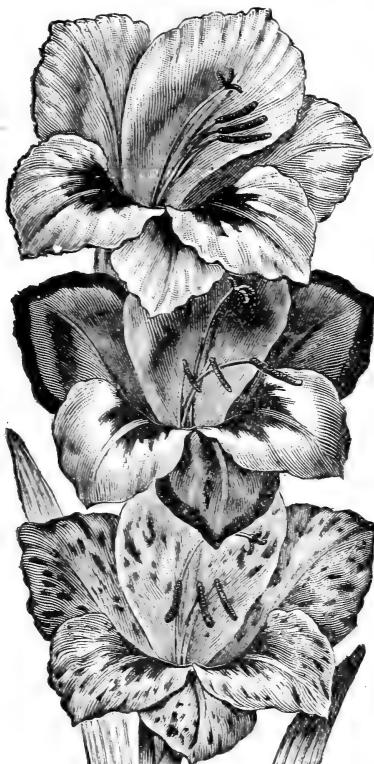
CHILDSII. The most important introduction of recent years is a class of hybrids originally raised by Max Leichtlin, and much improved by American growers. They are an entirely distinct race, having stiff stems four to five feet high, with spikes of bloom over two feet in length. The flowers are difficult to describe—every color known among Gladioli is represented, and they have splendid substance. Every flower is a perfect beauty. Mixed, each, 15c.; 2 for 25c.

MARIE DUMORTIER. White, slightly streaked with rose, violet purple blotch. 10c.; 3 for 25c.

\$1.00 BULB COLLECTION.

Contains 28 Summer-Flowering Bulbs which we will send by Mail or Express for only \$1.00.

- 1 Arios Tuberosa.
- 2 Gladiolus, choice mixed.
- 2 Begonia, Tuberous.
- 1 Hyacinthus Candicans.
- 1 Caladium Esculentum.
- 1 Tiger Lily.
- 3 Cinnamon Vines.
- 3 Maderia Vine.
- 1 Selected Hardy Lily.
- 2 Millia Bipala.
- 2 Cannas, New French.
- 3 Bessera Elegans.
- 1 Dahlia, Double.
- 3 Amaryllis Atamasco.
- 2 Pearl Tuberoses.



GLADIOLI.

So easy of culture that the variest tyro may succeed. They make grand bedding plants, and the tall spikes which last a long time after cutting, render them very attractive in home decoration. The bulbs we offer under color will produce flowers fully as beautiful as many of the more expensive named varieties, and our collections are so arranged as to give extra good value for the low price charged.

Dozen rates include postage. 100 rates, not prepaid; 25 bulbs at 100 rate.

SELECT GLADIOLI under colors.

	DOZ.	100	DOZ.	100	
RED AND SCARLET	\$.25	\$1.50	LIGHT AND WHITE	\$.40	\$3.00
PINK AND SALMON.....	.40	3.00	STRIPED AND VARIEGATED .....	.45	3.50
YELLOW SHADES.....	.45	3.50	ALL COLORS MIXED .....	.25	1.50

LEMOINE'S SEEDLING GLADIOLI.

Sometimes called "Butterfly Gladioli" on account of the peculiar blotches on the lower petals. Flowers are of richest texture and the most vivid coloring. Each, 6c.; 3 for 15c.; dozen 50c. postpaid.

NAMED GLADIOLI. General List.

- 1. **AFRICAIN.** Slaty-brown on scarlet ground, streaked with scarlet and pure white. Each, 10c.
- 2. **ANGELE.** White. Showy and effective. Each, 8c.
- 3. **BRENCHLEYENSIS.** Bright scarlet. Doz. 40c.; each, 5c.
- 4. **CERES.** White, spotted rose. Each, 5c.
- 5. **EUGENE SCRIBE.** Tender rose, variegated, each, 6c.
- 6. **GEN. PHIL. SHERIDAN.** Fire-red, white line running through each petal. Each, 15c.
- 7. **ISAAC BUCHANAN.** Very fine yellow. Each, 6c.
- 8. **LA MARK.** Cherry, white throat. Doz. 40c.; each, 5c.
- 9. **LORD BYRON.** Brilliant scarlet, blottedched white. Each, 8c.
- 10. **NAPOLEON III.** Scarlet striped white. Each, 5c.
- 11. **OCTOORON.** Very fine salmon-pink. Each, 10c.
- 12. **SHAKESPEARE.** Early; grand flower, white with carmine rose. Large bulbs, each, 12c.; 6 for 60c. postpaid.
- 13. **SNOW WHITE.** The best white Gladiolus. Each, 20c.

COLLECTIONS:

NAMED	A. Nos. 2, 3, 4, 5, 7 for 25c.
GLADIOLI.	B. " 1, 2, 4, 5, 6, 10, 11 for 50c.
	C. The complete set, 1 to 13, all labelled, \$1.00.

LILIES.

All the Lilies offered below are hardy enough to stand the winter outdoors, but it is well to protect them with a covering of litter or straw. Prices include postage unless noted.

1. **AURATUM.** (The Golden banded Japan Lily.) A flower that delights everyone. Perfectly hardy and a free bloomer. Well-ripened, healthy imported bulbs, each, 15c.; 3 for 45c.; doz., \$1.50.

2. **CANDIDUM.** (St. Joseph's Lily.) Pure white flowers. This variety is unsurpassed for beds and borders and when well-established, the flowers attain considerable size. Each, 15c.; 4 for 50c.; doz., \$1.25.

3. **LONGIFLORUM.** Almost identical in shape and color of flowers as *Harrisii*, but preferable for outdoor planting. Each, 15c.; 3 for 40c.; doz., \$1.50.

4. **MARTAGON.** Drooping flowers: curved petals, spotted purple. Each, 15c.; 3 for 40c.; doz., \$1.50.

5. **TIGRINUM.** (Tiger Lily.) Orange-red spotted black. Each, 10c.; 3 for 25c.; doz., \$1.00.

6. **TIGRINUM fl. pl.** (Double Tiger Lily.) Each, 15c.; 4 for 50c.; doz., \$1.25.

SPECIOSUM SORTS. (Hardy Japan Lilies.)

Owing to their easy culture and freedom of flowering, these are the most useful for general cultivation. They are fragrant, graceful and once planted become permanently located in the border.

7. **ALBUM.** Pure white and very fragrant. Each, 25c.; 3 for 60c.; doz., \$2.00.

8. **ALBUM PRECOX.** White, the edges of the petals tinted pink and fringed, one of the finest lilies. Each, 30c.; 3 for 80c.; doz., \$3.00.

9. **RUBRUM.** White ground spotted with rose and carmine. A lily anyone can grow. Strong grower, perfectly hardy. Each, 20c.; 3 for 50c.; doz., \$1.75.

Lily 9 Selected Lilies, one each of above for \$1.25 prepaid.

Collections. 5 Most Hardy Lilies, our selection, for 75c. postpaid.

WALLACE'S NOTES ON LILIES. An invaluable book to Lily growers. Postpaid, \$2.25.

LILY OF THE VALLEY.

Useful for forcing in pots for winter flowers. In the garden will thrive in shady situations where few other plants succeed.

FLOWERING PIPS for pot culture, 3-year-old roots, 6 for 20c.; doz., 30c. postpaid. Not prepaid, 100, \$1.25.

CLUMPS. Extra strong for outdoor planting, each, 35c. Not prepaid, 25c.; doz., \$2.50.

CHINESE SACRED LILY.

So universally known as to need no description. Can be started in water until the middle of April. We import the bulbs direct from China. Each, 15c.; 3 for 40c. prepaid. Not prepaid, doz., \$1.00.

MILLA BIFLORA. Pure white waxy-like flowers of thick, leathery substance. Will keep for days when cut and placed in water. Each, 10c.; 3 for 20c.; doz., 60c.

SPIDER LILY. Pure white, very fragrant flowers. Do well out doors in summer and grown in pots in rich soil; make good house plants. Each, 15c.; 3 for 40c.

TIGRIDIA. Large exquisitely spotted flowers which make a beautiful display planted in masses in borders. **Alba**, white, spotted crimson. Each, 8c.; 3 for 20c. **Conchiflora**, yellow. Each, 5c.; doz., 30c. **Pavonia**, crimson, variegated yellow, each, 5c.; doz., 30c.

TUBEROSES.

No better Tuberose bulbs than we supply are to be had anywhere. They are sure to produce flowers true to name, of fine form and delightful fragrance.

Dwarf Pearl. Stem about 2½ feet. Selected large bulbs. Each, 5c.; doz., 50c., 100, not prepaid, \$2.00.

Tall Italian. Grows 4 feet high. Large bulbs, each, 5c.; doz., 50c.; not prepaid, 100, \$2.00.

Variegated Leaved. Foliage striped: flowers smaller than the double varieties. Each, 10c.; 3 for 25c.; doz., \$1.00.

Single. Also called Orange-flowered. Blooms very early. Each, 7c.; doz., 75c.; not prepaid, 100, \$3.00.

COLLECTION. 12 Tuberose Bulbs (4 Dwarf Pearl, 4 Tall Double, 2 Variegated-leaved and 2 Single) for 50c. postpaid.

Flowering and Foliage Plants.

FOR BEDS, BORDERS, GREENHOUSES, ETC.

Please
Read
Carefully.

OUR rapidly increasing mail trade in Seeds and Bulbs brings with it a demand for a more extended list of Flowering and Foliage Plants. Desiring to make our service to customers as complete and convenient as possible, we have somewhat extended this portion of our catalogue, and trust our friends will avail themselves of this opportunity to obtain *all garden supplies* from one source.

The culture of plants for shipping long distances by mail or express requires special care, and we are proud of the stock we offer because it is far and away beyond the ordinary run of slightly-rooted, mushroom growth plants usually sent out in mail orders. We send clean, healthy stock only, well grown and hardened, and packed in the most improved manner, so that it will reach the purchaser in the best possible condition.

Postage Paid. At prices given we mail all plants (except such as from their size or otherwise are unavailable, and so stated), prepay the postage and guarantee safe delivery.

Express Shipments. Plants offered "by express" or ordered shipped by that method go at buyer's expense. Express rates are 20 per cent, less than formerly and larger plants and more of them are always put into orders so forwarded. The ball of earth is left almost intact on the roots of the plants, hence they receive no check, but go on growing right along.

Plant orders for a less amount than 50c. must have 10c. added for postage.

ABUTILONS.

Souvenir de Bonn. New. Leaves edged with a pure white band. Flowers orange, veined with crimson. A rapid grower, young plants soon form fine specimens. 20c.

Eclipse. A trailing variety with mottled foliage, flowers yellow, with crimson throat. 10c.

Golden Fleece. Bright golden yellow flowers. 10c.

Brûle de Nieve. Pure white. Strong grower. 10c.

The 4 Abutilons for 40c.

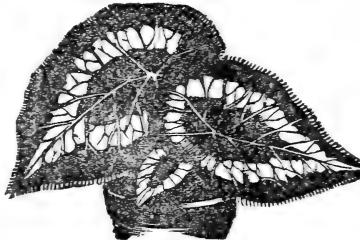
LEMON VERBENA (Aloysia Citriodora).

A shrubby plant valued for the delightful fragrance of its foliage; indispensable for bouquets. 15c.

BEGONIA REX.

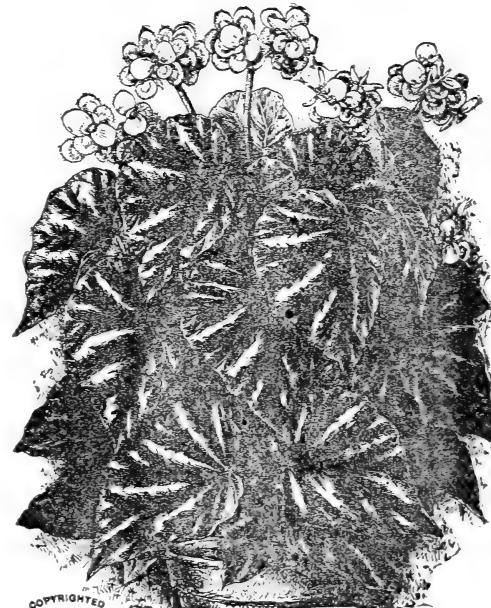
The Rex varieties, of which we have a dozen or more, varying in color and markings, are very effective as pot plants. Care should be taken to keep the foliage free from dust. Occasionally the plants may be showered, but should not be exposed to the sun until the leaves are perfectly dry.

Each 15 and 20 cents, according to size. 8 varieties, our selection, \$1.00.



ARTILLERY PLANT (Pilea).

A very neat and pretty plant, resembling some of the Ferns in general appearance. It has fine, moss-like foliage and small pink flowers. 10c.



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BY B. & M. GREGORY

BEGONIA THURSTONI.

*....BEGONIAS..... The Best of the Flowering Varieties.

Price, each, 15c., unless noted; 6 named sorts, our choice, 50c., postpaid.

Alba picta. Bushy grower. Slender leaves, spotted white; flowers white.

Argentea Guttata. Oblong, purple bronze leaves with silver markings; white flowers on tips of the stems. A grand plant.

Manicata Aurea. Large, glossy leaves, blotched with creamy white. Flowers, delicate blush on long stems. Splendid foliage plant. 20c.

Thurstoni. A cross between Metallica and Sanguinea. Flowers deep pink. A splendid variety for bedding in partial shade. See illustration on this page. 20c.

Metallica. Glossy green leaves with darker veins, beautifully crimped; underside of leaves and stems hairy.

Rubra. Scarlet, wax-like flowers. Strong grower; free bloomer. Foliage very handsome.

Sanderoni. Blooms the year around. Heart-shaped scarlet flowers. Small leaves. Grows bushy.

Sanguinea. Thick, leathery green leaves, darker underneath. Splendid for a bracket.

Vernon. Deep green leaves; red flowers. The best bedding variety. Comes into bloom in June and continues all summer.

CARNATIONS.

Each, 15c.; 3 for 40c.; doz., \$1.50.

CHE CARNATION is the sweetest and most beautiful flower (except perhaps the Rose), in cultivation. Too much praise cannot be given them, nor enough said to induce people to plant them. The flowers are very fragrant and are borne in the greatest profusion.

DAYBREAK. Bright flesh color, with no salmon shadings; last a long time when cut. A free blooming, long stemmed variety.

EDNA CRAIG. A remarkably handsome flower. The color is a lovely shade of clear, soft, light pink. The flowers are of fine form, with heavily fringed petals.

GOLDEN GATE. Golden yellow; has no stripes or foreign color. Full and double. Strong, healthy grower.

LIZZIE McGOWAN. Large pure white flowers, beautifully fringed.

The seven Carnations for 50c.

CALADIUMS. FANCY LEAVED.

Now much used for summer and fall decoration. They are easily grown in pots or boxes, or in shady situations out of doors. The dry tubers require to be kept warm in winter. We offer started plants only; each, 20c; six distinct sorts, \$1.00.

CALLA LILIES.

TOM THUMB CALLA—Little Gem. This is a dwarf variety of the old Calla Ethiopica, rarely ever growing over 10 to 12 inches high; a plant that can be used with telling effect in many places where the tall Calla could not on account of its tall growth. It commences to bloom when very small, often two or three flowers from 4-inch pot plant. 20c; 3 for 50c; strong plants, 35c; 2 for 50c.

CALLA ETHIOPICA—the Common Calla. A favorite old plant for house culture, with large leaves and white, trumpet-shaped flowers. Small plants, 10c; strong flowering bulbs, 15c; extra strong, 25c.

BLACK CALLA (*Arum Sanctum*). Flowers very large, of same shape as the ordinary Calla, but from 12 to 15 inches long and 4 inches broad; of a rich dark purple color on upper side, and green-on under side. The leaves are large and very wavy, of a rich deep green color, veined lighter; in shape resembling the common Calla. 20c; stronger bulbs, 30c.

SPOTTED CALLA (*Richardia Alba Maculata*). A variety with beautifully spotted foliage; flowers pure white, shaded violet inside. Bulbs, each, 15c; 2 for 25c.

The 4 Calla Lilies for 50c.

COBEA SCANDENS.

One of the best and most rapid growing annual vines for porches, trellises, etc. One plant will soon cover 40 feet of surface. The flowers are large, blue, bell-shaped. They come into bloom early and continue until frost. 15c.

COLEUS.

A few dozen of these plants will make a beautiful bed. There is such an endless variety in their colors and markings that with a little taste in planting varieties, the most gratifying results can be obtained at a trifling cost. Doz., 75c; each, 10c.

CYPERUS ALTERNIFOLIUS.

Umbrella Plant.

A splendid aquatic plant, throwing up stems two to three feet high, surmounted at the top with a whorl of leaves, diverging horizontally, giving it a very novel appearance; fine for the center of vases or aquariums. 15c.



PORIA. Intense bright scarlet; flowers medium size and freely produced.

TIDAL WAVE. Bright, rosy pink, changing to carmine pink. Healthy and free-blooming.

THE BANNER. Delicate, light salmon pink, striped with bright scarlet. Flowers measure three inches across when fully developed.

CHRYSANTHEMUMS.

From the almost innumerable varieties we select twelve of the very best, unsurpassed for form and diversity of color.

Unless noted, each 10c, 3 for 25c, the 12, \$1.25.

E. MOLYNEUX. Rich deep maroon red; outside of petals when expanded is a rich golden tint, petals immense in both width and length.

EUGENE DAILLEDOUZE. Bright clear golden yellow. Large, full, double; glowing in color, stiff stem and good foliage, and a free, easy grower. There is nothing brighter among yellows. 15c.

HARRY E. WIDENER. Bright yellow, without shadings. Flower large, on stiff, stout stems that hold the flowers erect without support; incurving, forming a large, rounded surface; petals crisp and stiff.

INTER OCEAN. This is a grand variety. The color is a glistening, pearly white, with light suffusion of pink. Petals of great substance. The stems are very stiff, the foliage handsome and carried close to the flower. 20c.

IVORY. Flowers pure white, of exquisite form and finish; petal stiff and lasting. As a specimen plant for pot culture there is none better.

MAJOR BONNAFFON. Soft, clear, incurved yellow, full to the center; 6 to 7 inches in diameter and nearly as deep. Habit dwarf; keeping qualities excellent. 15c.

MRS. E. G. HILL. One of the earliest of all the very large flowered sorts. Color delicate pink, shading from color of La France rose to the flesh pink found in Daybreak carnation. Flower very large, 7 to 8 inches in diameter; full to the center. 20c.

MRS. JEROME JONES. Large, cream white, incurved, Japanese, sometimes showing a tinge of pink; high, round flower; one of the best chrysanthemum flowers to date.

NIVEUS. A grand snow white variety. Center irregularly incurved with outer petals reflexing nearly to the stem.

PITCHER and MANDA. Reflexed Japanese, not deep, but solid and of large diameter; the outer five or six rows are creamy white and of dahlia-like form, the center is bright yellow. 20c.

PRES. WM. R. SMITH. Color a beautiful, clear, flesh pink; very heavy in substance, on stiff stems; double.

THE QUEEN. A grand pure white of extra large size of beautiful, half globular form with broad, incurved shapely petals of good substance. One of the finest, if not the finest Chrysanthemum of its color. 15c.

SPECIAL OFFER: We will send 16 varieties of our own selection, choice kinds, all labeled, for \$1.00.

THE BEST CANNAS IN CULTIVATION

FEW of any flowers that are produced from tubers will give such a strikingly beautiful effect as these trusses of Cannas when in bloom. Early in June they come into flower and continue until late in September. Cannas are the **most popular decorative plants of the day**. We have never offered a plant that will give such unqualified satisfaction as these. For the present season we offer THE BEST NEW ONES AT REDUCED PRICES.

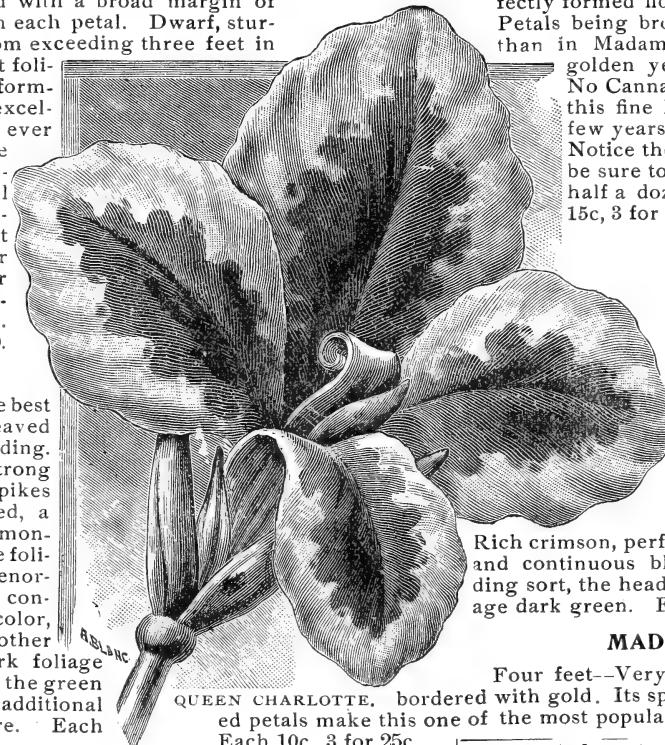
QUEEN CHARLOTTE.

THE LOVELY GILT-EDGED CANNA.

Three feet—A splendid orange scarlet flower irregularly banded with a broad margin of golden yellow on each petal. Dwarf, sturdy grower, seldom exceeding three feet in height, luxuriant foliage, large, finely formed flowers of excellent texture. An ever bloomer. We know this charming variety will give perfect satisfaction to all. It is suitable either for bedding or growing as a single specimen. Each 20c, 3 for 50.

EGANDALE.

Four feet—The best of the dark leaved Cannas for bedding. Purple foliage; strong compact flower spikes color, currant red, a color which harmonizes well with the foliage. It is an enormous bloomer, a constant mass of color, exceeding any other variety. Its dark foliage contrasting with the green of others is an additional desirable feature. Each 15c, 3 for 40c.



QUEEN CHARLOTTE, bordered with gold. Its splendid coloring and rounded petals make this one of the most popular Cannas. Great bloomer. Each 10c, 3 for 25c.

J. D. CABOS—Medal awarded; 4 $\frac{3}{4}$ ft. Leaves green, strongly shaded, purple, flowers large and round, color rich apricot with deeper shadings; attracts the attention of every one because of the novel and distinct color. One of the best. Each 15c, 3 for 40c.

EXPLORATEUR CRAMPBEL—The Blood-Spotted Canna. Foliage green, flower large and broad, color a clear vermillion scarlet with crimson spots, distributed evenly over the petals, making a wonderfully brilliant flower. Flower spikes large. Deep colors like this and the Egandale are the coming colors for massing. Each 15c, 3 for 40c

SPECIAL OFFER } The eight superb Cannas above described, one good root of each, for 75c prepaid.

CHICAGO PARKS BEDDING CANNAS.

SCARLET FLOWERING SORTS—Many splendid colors. Each 10c, doz. \$1.00, prepaid. Not prepaid, doz. 75c, 25 for \$1.50, 50 for \$2.75.

YELLOW FLOWERING SORTS—Variegated, banded, etc. Each 10c, doz. \$1.00 prepaid. Not prepaid, doz. 75c, 25 for \$1.50, 50 for \$2.75.

MANY SHADES AND COLORS IN MIXTURE—Three for 20c, doz. 75c, prepaid. Not prepaid, doz. 60c, 25 for \$1.15, 50 for \$2.15.

FLORENCE VAUGHAN.

THE MOST FAMOUS OF ALL CANNAS.

Four feet—This still continues to be the most perfectly formed flower of the Canna family. Petals being broader and better rounded than in Madame Crozy. Color, brilliant golden yellow, dotted with scarlet. No Canna bed is complete without this fine large-flowered variety. A few years ago it sold for \$3.00 each. Notice the price we now offer and be sure to include at least one, better half a dozen, in your order. Each 15c, 3 for 40c.

ALPHONSE BOUVIER.

Five and one-half feet—Desirable for center of large beds. Brilliant crimson flowers of the largest size. A strong grower and most profuse bloomer. Very large flower spikes. Each 15c, 3 for 40c.

CHAS. HENDERSON.

Four feet—One of the finest Cannas grown. Rich crimson, perfect form, a wonderful free and continuous bloomer. A splendid bedding sort, the heads of very large size. Foliage dark green. Each 15c, 3 for 40c.

MADAM CROZY.

Four feet—Very large vermillion flowers bordered with gold. Its splendid coloring and round-

ed petals make this one of the most popular Cannas. Great bloomer.

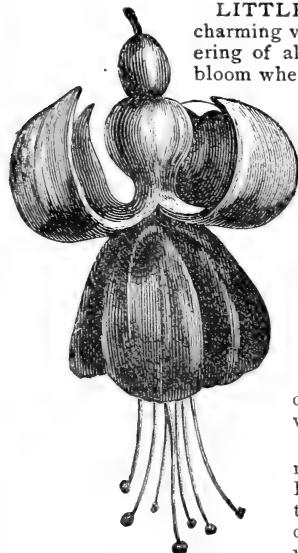


CANNA.

FUCHSIAS.

Fuchsias are excellent plants for growing in pots. They delight in rich soil and a shady situation. Fuchsias will do well bedded out on the north side of the house.

Unless noted, each 10c.; doz., \$1.00.



The plant is of splendid habit, a remarkably free grower, yet compact and symmetrical in form; free bloomer. 15c.

MRS. MARSHALL. White tube and sepals; corolla carmine rose. An old favorite.

PHENOMENAL. Flowers very large; short tube and sepals of a bright rich crimson color; corolla bright violet purple; very full and double.

STORM KING. The flowers are of extraordinary large size and very double; corolla a beautiful blush white, veined with carmine; tube and sepals carmine red. 15c.

SPECIOSA. Unsurpassed for winter blooming. A strong, vigorous grower, and almost at all times in bloom. Pale red tube and sepals; dark red corolla.

The 7 Fuchsias for 60 cents.

HELIOTROPE.

These plants are universal favorites on account of their delightful fragrance. Flowering equally well as bedding plants in summer or as pot plants in the house during winter. 10c.

HYDRANGEA.

Hydrangeas are among the easiest of all plants to grow. They are always attractive and stand any amount of neglect. Just the thing for a tub on the front porch.

OTAKSA. A splendid variety from Japan. Flowers large, bright pink, tinted blue; produced freely. 15c.

THOMAS HOGG. The immense trusses of flowers are first slightly tinged with green, becoming of the purest white, and remaining so a long time. 15c.

PANICULATA See Hardy Shrubs.

IVIES—*Hedera*.

Valuable for covering brick walls and upon the north or shady side of buildings; also excellent parlor ornaments and most desirable hanging basket plants.

ENGLISH. The well-known European variety. 15c.

GERMAN. A beautiful and rapid growing vine, one of the most desirable for hanging-baskets or vases. 10c.

GERANIUMS.

Are you looking for something which will make a brilliant, showy bed on the lawn this summer? If so, you will find it in the Champion Set we offer below.

Unless noted, each 10c.; doz., \$1.00.

CHAMPION SET OF BEDDING GERANIUMS.

ATHLETE. Clear scarlet. Very large. Double. 15c.
GEN'L GRANT. Finescarlet. Grandbedder. Single.
GLOIRE DE FRANCE. Salmon with white. Double. Very large truss of flowers. 15c.

HETERANTHE. Soft scarlet. Semi-double.
JULES FERRY. Deep crimson. Single.
LE CID. Brilliant crimson red. Double.

LA FAVORITE. Snow white. Double.

MARY HILL. Deep pink. Single.

QUEEN OF THE WEST. Orange salmon. Fine bedder. Single.

SIR TREVOR LAWRENCE. Rosy peach. Double.
SOUVENIR DE MIRANDE. A splendid variety. Cherry red, white markings in center. Single. 15c.

WHITE SWAN. Best pure white. Double.

The Champion Set of 12 Geraniums for \$1.00, postpaid.

IVY LEAVED GERANIUMS.

A splendid class of climbing or trailing geraniums, adapted for baskets, vases, rock work, and trailing on trellises. They have fine, thick, glossy foliage, which of itself would be of sufficient beauty to warrant their cultivation. They bloom with the greatest freedom during the spring and summer. Several standard varieties, double and single, each 10c.

VARIEGATED LEAVED.

Buy these for something handsome in pot plants.

HAPPY THOUGHT. A tri-color Geranium, with very dark green foliage, having a light, creamy, almost white center, with a dark band about the light zone. It is a beautiful plant, and the flowers bright scarlet. 15c.

MOUNTAIN OF SNOW. Foliage green, handsomely bordered with white; flowers scarlet; a fine bedder, the best variety of its color. 15c.

MAD. SALLEROI. A very compact variety of Silver Geranium; very fine for massing or bordering; a thrifty, healthy grower, rarely reaching a height of more than six inches; leaves very small, of a peculiar clear green, edged with pure white. 10c.

SCENTED LEAVED.

Balm, Dr. Livingston, Lemon, Rose, Shrubland Pet. Each 10c.

MANETTIA

VINE.

A beautiful free-growing vine with small, tubular-shaped flowers of a rich, fiery scarlet color, shading off into a bright yellow at tip of flower. It commences to bloom when very small, and flowers continually. A valuable plant for small trellises, vases or baskets. 10c.



MANETTIA VINE.

ROSES.

Select Stock; Strong, Healthy Plants,
Properly Grown and True to Name.

ALL ROSES OFFERED ON THIS.

PAGE ARE GREENHOUSE GROWN,
FROM POTS, AND PRICES INCLUDE
POSTAGE.

In order to insure vigorous, healthy growth, which must precede fine flowers, Roses should be planted in heavy soil, well enriched with well-rotted manure, bone-meal or horn shavings, and always be given the sunniest place in the garden. It is important for good success in Rose growing to keep the soil well worked and free from weeds.

6 VERY CHOICE ROSES FOR 75c.

(Suitable for either Bedding or Pot Culture.)

BRIDESMAID.—A deep brilliant pink and constant in color under all conditions. It is invaluable for winter forcing, 20c.

SENATOR McNAUGHTON.—Sport of the favorite Perle des Jardins and identical with it in every way excepting in color, which is almost a pure white, with faint creamy tint, and in the fact that it is a more vigorous grower, 15c.

HIPPOLYTE BARREAU.—A grand new perpetual flowering dark red Hybrid Tea. Color is bright carmine red, shaded velvety crimson. Flowers very large and full, of handsome shape, with beautiful, long pointed buds, 25c.

THE QUEEN.—A most charming Tea Rose; pure, snow white. Makes beautiful buds and is a full, fine shaped rose with thick, glistening petals when fully open, 15c.

MAD. PERNET DU CHERE.—Canary yellow, suffused copper, producing long pointed buds on every shoot, 15c.

KAISERIN AUGUSTA VICTORIA.—A beautiful rose with elegant large pointed buds and very large, full double flowers. Color delicate creamy white, deliciously fragrant, 20c.



BRIDESMAID.

12 SELECTED EVER BLOOMING ROSES FOR \$1.00

DUCHESSE DE BRABANT.—Few roses equal this in freedom of flowering; none surpass it in either fragrance or vigor; the flowers are rather loose when open, but are rich and peculiarly colored; color, rose, heavily shaded with amber and salmon.

METEOR.—A rich, dark, velvety crimson, ever-blooming rose, as fine in color as the best of the Hybrid Perpetuals; the flowers are of good size, very double and perfect in shape, either as buds or when fully opened.

MRS. JAMES WILSON.—Flower large and double; deep cream color; edge of petals touched with soft blush; flowers upright on stiff stems; an elegant bedding sort.

RAINBOW.—An elegant new striped Tea Rose of strong healthy growth and exceedingly free flowering habit. The buds are large, on strong, stiff stems. Color, a beautiful shade of deep pink, distinctly striped and mottled with bright crimson, elegantly shaded and toned with rich amber. It makes beautiful buds and flowers of large size, with thick heavy petals; very fragrant. A useful variety for cut flowers.

PAPA GONTIER.—An excellent Tea Rose, of strong growth, fine healthy foliage, and a remarkable free bloomer. The buds are large and long, with thick, broad petals of a dark carmine-crimson color, changing to a lighter shade in the open flower.

PINK SOUPERT.—A seedling of C. Souupert, identical in every respect with its parent except that the flowers are pink and deeper. 20c.

SOUVENIR DE LA MALMAISON (Bourbon).—A noble rose; flower is extremely large and double; color, flesh white, clear and fresh. Has been considered the finest Bourbon Rose for many years. Its great beauty in the fall makes it the finest of all roses at that season. A flower that is universally popular, and always will be so.

CLOTHILDE SOUPERT.—A rose of recent introduction. The exceedingly free-blooming habit and delicate color of the flowers have quickly gained this new sort a place in every garden. The outer petals are pearl white, shading to a center of delicate rosy pink. This variety is a grand acquisition for bedding out.

LA FRANCE.—One of the most beautiful and popular of all roses, unequaled by any in its delicious perfume. Very large, double and superbly formed. Color light rose, shaded silvery peach. Difficult to convey any idea of its beautiful coloring.

DUCHESS OF ALBANY (The Red La France).—A sport from the well-known La France, but larger in size, deeper in color and of more expanded form. Grand large buds.

AUGUSTINE GUINOISSEAU (The White La France).—The color of the flowers, while not a pure white, is of a most delicate blush, shaded lighter at the edge of petals. A strong grower and profuse bloomer.

MADAME A. VEYSSET (The Striped La France).—A magnificent new rose; exquisite colorings, satiny peach pink, striped and shaded white and rose.

FOR \$1.00 We will mail one good strong plant each of the 12 Selected Roses. **For 50c** we will mail the last four, which make up the well-known **La France Quartette**, or any five of purchaser's choice of the other eight varieties. Any one variety, 15c.

HYBRID PERPETUAL ROSES.

The flowers of this class of roses show the most brilliant colors imaginable. They are of immense size, 5 inches and over in diameter, and during the blooming season of the Hybrid Perpetuals no other flower will equal them in brilliancy or variation of color and exquisite fragrance. No garden is complete without a bed of these beautiful roses. Although perfectly hardy they are benefited by a covering of straw during the severe season. We contract for immense quantities of these roses in Europe, receiving extra strong 2-year-old stock, which has never failed to meet with approbation from our customers. Owing to their extra large size they are suitable for immediate effect and admirably adapted for the formation of permanent rose beds.

Alfred Colomb. Crimson, large, fragrant flowers.

Anne de Diesbach. Bright rose color, very large.

Abel Carriere. Purplish crimson, shading in the centre to fiery red.

Antoine Mouton. Deep rose fringed with lilac; full form.

Baroness de Bonstetten. Dark red, very double flowers, exceedingly fragrant.

Baroness Rothschild. Light rose; splendid.

Boule de Nieve. Pure white; very full and fragrant.

Captain Christy. Delicate flesh color; splendid foliage.

Coquettes des Alpes. Pure white flowers, exquisite form, blooming in clusters.

Francois Michilion. Deep pink, reverse of petals silvery.

Fisher-Holmes. Rich velvety crimson, large and fragrant.

Francois Levet. Clear bright rose, delicately shaded carmine.

Extra strong plants, two years old, 25c. each; \$2.50 per dozen; 25 for \$4.50, by express only, not prepaid.



HARDY ROSE.

CLIMBING ROSES.

These are old favorites to cover arbors, verandas, etc. They bloom very profusely early in the summer and are perfectly hardy.

Baltimore Belle. One of the very best of climbing roses, rose and carmine tinted.

Gem of the Prairie. Crimson, more hardy than the others.

Prairie Queen. Clear, bright pink, a standard sort.

Seven Sisters. White, varies to crimson pretty, but not of as easy culture as the others. Very large plants 30c. each; \$2.75 per dozen; by express only not prepaid.

PERSIAN YELLOW.

An elegant, hardy, golden-yellow rose, which stands our hardest winter of the North perfectly. Fine large plants 30c. each; per doz., \$2.75; by express only not prepaid.



CLIMBING ROSE.

MOSS ROSES.

This class is much admired for their beautiful buds. They are perfectly hardy, bearing hardships and neglect well, but any extra care in enriching the ground and cultivating thoroughly is liberally rewarded with extra large sized buds; very desirable for culture in open ground.

Perpetual White.

Salet. Bright rosy red; pretty buds.

Souperete Notting.

Rose, very large flowers.

Province Unique.

The largest white.

Chapeau de Napoleon.

Rose, one of the best.

Extra large plants, two and three years old 30c. each; \$2.75 per dozen, by express only not prepaid.



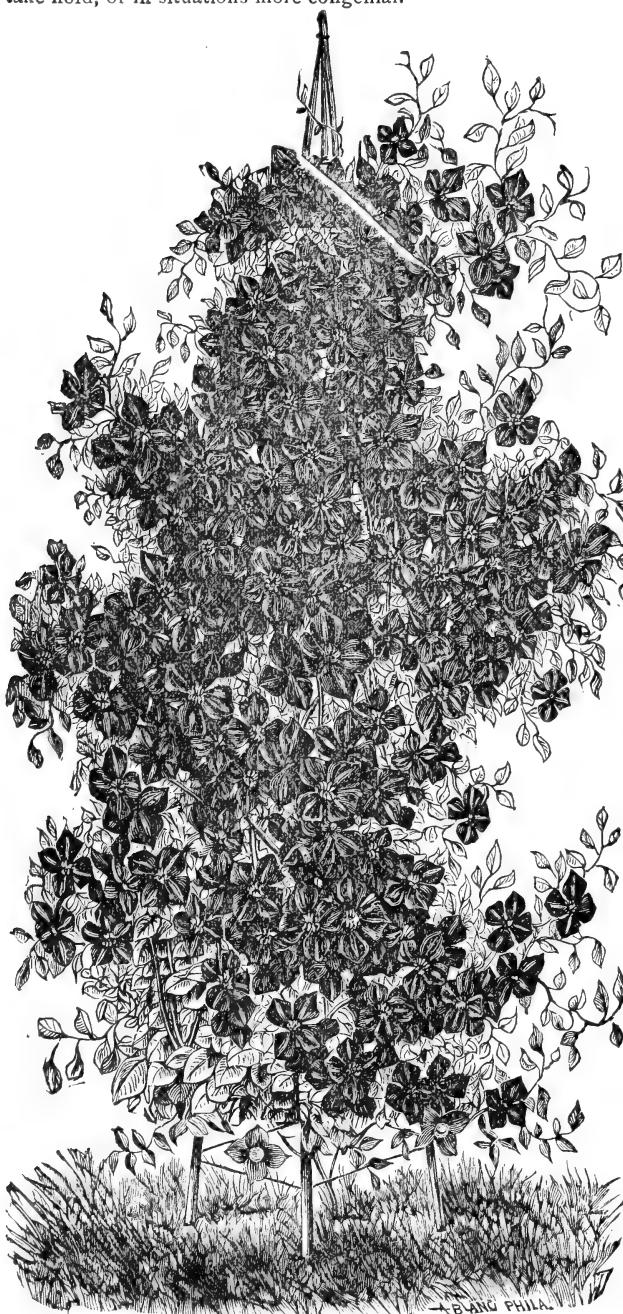
TREE ROSES.

The Tree Roses, we semi-annually import from one of the best Rosarians in Europe, cannot be too highly recommended as strictly first-class, healthy stock or good shape. They are about 4 to 5 feet high, and therefore, can be shipped by express only. In ordering please state what color you desire. \$1.00 each; 2 for \$1.75; \$9.00 per dozen; 25 for \$16.00, not prepaid.

TREE ROSE.

ORNAMENTAL CLIMBING PLANTS.

EVERYONE who is the fortunate possessor of a few feet of ground will gladly devote some space to the cultivation of the graceful and easy-growing climbers. They thrive and flower everywhere, let it be in our crowded smoky cities, where light and sunshine is limited to a few hours daily, and where most of the hardy Shrubs refuse to take hold, or in situations more congenial.



CLEMATIS.

MADERIA VINE.

Mignonette Vine.

A beautiful, rapid-growing, half-hardy climber, that succeeds in almost any soil, and is of the very easiest cultivation. Roots, each 5c; per doz., 50c, postpaid; per 100, \$2.50, not prepaid.

CLEMATIS.

The Clematis, the Queen of the Climbers, is one of the best known and most recognized plants in cultivation.

We import large quantities of Clematis every season, getting plants of extra size only, that will bloom with full vigor the first season. Plant any time from April to June. Height, 8 to 15 ft.

Owing to the extraordinary size these plants can be sent by Express only, and prices do not include prepayment.

JACKMANII. Flowers July to October. Undoubtedly the most appreciated variety of Clematis. The dark purple flowers are produced in such an abundance as to perfectly hide the foliage, and the whole plant, when in full bloom, looks like a mass of waving blue. Each, 75c; per doz., \$7.50.

HENRYII. Flowers July to October. The leading white variety, of robust habit, a free bloomer, producing large flowers of a beautiful creamy white. Each, 75c; per doz., \$7.50.

MISS BATEMAN. White, chocolate, red anthers. Summer and autumn bloomers, flowering in profuse masses. Extra strong plants. Each, 75c; per doz., \$7.50.

SIEBOLDII. Lavender colored; very fine. Each, 75c; per doz., \$7.50.

LANUGINOSA CANDIDA. Flowers from July to October. White, slightly lilac-tinted; flowers of extraordinary size. Each, 75c; per doz., \$7.50.

STANDISHII. Light mauve purple. Early spring bloomer, flowering from May until June. Extra strong plants. Each, 75c; per doz., \$7.50.

One each of above six varieties for \$3.75, not prepaid.

AMPELOPSIS VEITCHII.

Boston Ivy.

Unexcelled as a hardy climbing vine for covering walls; it clings firmly to the smoothest surface, and, being of luxuriant growth, covers it with a perfect mass of beautiful green foliage. Small plants, 15c each; \$1.50 per dozen, postpaid; strong plants, 25c each, not prepaid.

AMPELOPSIS QUINQUAEFOLIA.

Virginia Creeper.

Perfectly hardy climber, of rapid growth. Ea. 20c.

ARISTOLOCHIA SIPHO.

Dutchman's Pipe.

A rapid grower, with large heart-shaped leaves and brownish flowers, which resemble in shape a miniature pipe. Each, 35c.

WISTERIA.

Very popular, hardy, rapidly growing to a height of 50 feet or more; flowers in early spring, and when in bloom is truly magnificent. Each, 50c.

HONEYSUCKLES.

Well-known climbers, blooming at intervals through the summer and autumn, and retaining the foliage late in the winter. Small plants, 15c each, postpaid; large plants, 25c each, not prepaid.

CINNAMON VINE.

This charming climber forms a canopy of bright green leaves and delicate small white flowers, of most delightful cinnamon odor. The plants, grown from bulbs, are excellent for window ornaments or out-door culture. Each, 10c; 3 for 20c; doz., 70c, postpaid.

W.W. BARNARD & CO.

TESTED SEEDS

CHICAGO, ILL.

LAWRENCE G. L.



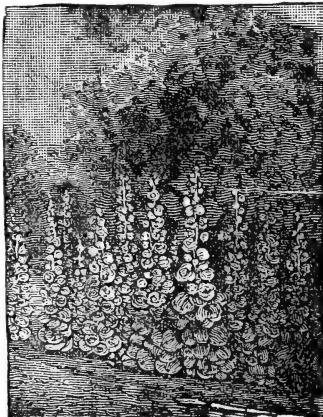
PERENNIAL PHLOX.

HOLLYHOCK.

There are very few plants whose flowers so perfectly combine large size and delicacy as the Hollyhock. Its flowers are quite as double and almost as pure and perfect as those of the Camellia, and when we remember that they mass around a column from 3 to 5 feet in height, we get some idea of their beauty. They require a deep, rich soil, and any extra care bestowed on them they liberally repay in beauty of bloom. We have excellent young plants, raised from our celebrated strain of seed, and offer the following leading colors:

PURE WHITE, DARK CRIMSON,
CLEAR YELLOW, DEEP MAROON,
LIGHT ROSE, FLESH COLOR.

Strong Roots, each 20c; per doz., \$2.00



HOLLYHOCKS.

HARDY PINKS.

SNOW PINK. As the name indicates, the extra large flowers are pure white. The plants grow very strong and bushy. Strong clumps. Each 20c; per doz., \$2.00.

OLD-FASHIONED GRASS PINK. Perfectly hardy, dwarf growing, and extremely useful for borders; of easiest culture, constant bloomers. Strong roots. Each 10c; per doz., \$1.00.

HARDY ASTERS. Many varieties, showing very pretty flowers in all shades of colors; bloom late through September and October. Each 15c; per doz., \$1.25.

DIANTHUS BARBATUS. (*Sweet William*) An old favorite, greatly improved, hardy, and sure of a place in every garden; of easiest culture and a very free bloomer. Each 10c; per doz., 80c.

DIELYTRA SPECTABILIS, OR BLEEDING HEART. Perfectly hardy and a vigorous grower; producing graceful sprays of heart-shaped pink and white flowers; finely cut, pretty foliage. An old favorite for borders. Each, 15c; per doz., \$1.50.

HARDY PERENNIAL PLANTS.

No other class of plants will give more satisfactory results, combining usefulness and beauty with easy culture and small expense, than the formerly much neglected Hardy Perennials, recognized now as the flower of the future. As our plants are of extra size, we can ship by express or freight only, not prepaid, unless otherwise noted.

PERENNIAL PHLOX.

No perennials are more appreciated, owing to the extremely easy culture, free-blooming habit and brilliancy of colors than the Phlox. A bed or border of Phlox is one of the grandest features of a garden, and even though left with little attention it does not materially interfere with their sturdy growth. Finest improved varieties, assorted, embracing all the leading shades. Single roots, 10c; per doz., \$1.00.

Delphinium or Larkspur.

By all odds one of the most satisfactory hardy plants for obtaining a grand and constant display of flowers.

FORMOSUM. Long spikes of finest blue; flowers from June until late in autumn. Each 20c; 3 for 50c; doz. \$2.00.

ALBUM GRANDIFLORUM. The new, free-blooming, white-flowered Larkspur. Each 25c; per doz., \$2.50.

FUNKIA OR DAY LILY.

These old-fashioned garden plants have become quite popular again of late, especially the variegated varieties.

LANCEOLATA VARIEGATA. (*Variegated Leaved Day Lily.*) Leaves blotched with white, flowers pale blue, exceedingly showy and odd. Each, 25c; per doz., \$2.75.

ALBA. (*White Day Lily.*) Broad green leaves with pure white, deliciously fragrant flowers, resembling lilies. Each, 25c; per doz., \$2.50.

IRIS. (Fleur-de-Lis.)

The State Flower of Illinois.

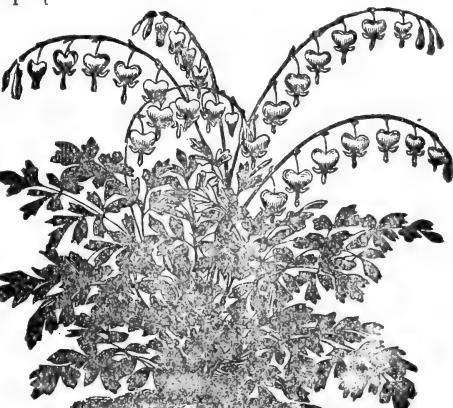
KAEMPFERII OR JAPAN. A distinct and beautiful variety, with large and handsome flowers; blooming profusely in June and July. Double varieties assorted colors. Each, 20c; per doz., \$2.00.

GERMAN. Large flowered, charmingly blotched with purple, blue and red. A fine cut flower. Best varieties assorted. Each, 25c; per doz., \$2.50.

PAEONIES.

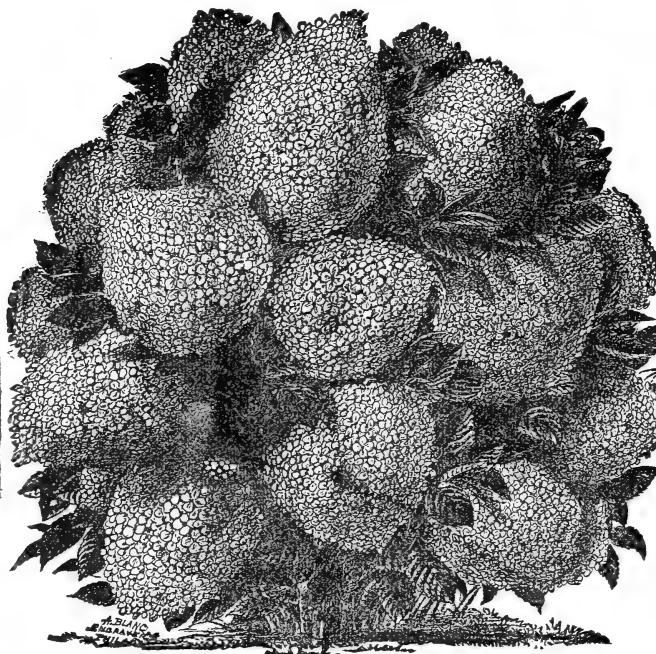
Our stock of Paeonies is extra fine, consisting of strong, healthy roots and embracing all leading colors. Paeonies should be planted as soon as the soil can be worked. In the interest of good success we urge our customers to send in their orders early.

DOUBLE WHITE, PINK OR RED. Each 25c; per doz., \$2.50. One of each color 90c, prepaid.



DIELYTRA—BLEEDING HEART.

FLOWERING SHRUBS.—Continued.



HYDRANGEA PANICULATA GRANDIFLORA.

PHILADELPHUS.

Mock Orange. (*Syringa*.)

These very beautiful shrubs bloom abundantly during the entire summer; The flowers are in clusters, waxy-white and deliciously fragrant.

CORONARIUS. Flowers early in June, showing large clusters of white fragrant flowers. Each, 35c; per doz., \$3.50.

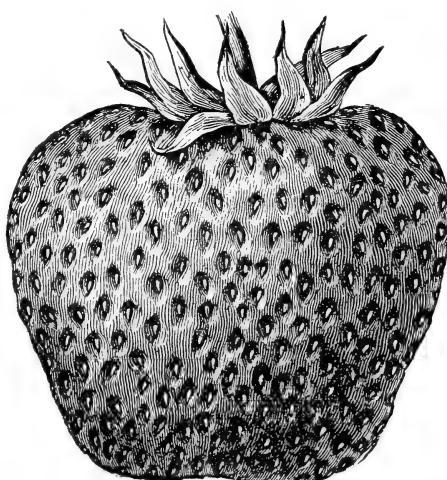
AUREUS. (*Golden Leaved Syringa*.) Golden yellow foliage, that keeps the color well during the season, giving the plants a very unique and distinct appearance. Each, 25c; per doz., \$2.50.

CORDATA. Leaves heart-shaped, flowers large, pure white. Each, 25c; per doz., \$2.00.

NEW STRAWBERRY.

MARSHALL. One of the most remarkable of recent introductions—the gem of early strawberries. Originated in Massachusetts, introduced in spring of 1893 at \$10.00 per dozen. Has now been tested in many localities, and all agree that it is remarkable for size, beauty and quality. Plant strong and vigorous, with heavy, thick foliage protecting the blossoms and roots. Of the very largest size, far surpassing in that respect any other sort; in color, very dark rich crimson to the core; flesh fine-grained and of a delicious flavor, and with the peculiar aroma of the native wild strawberry, from which it is thought to have sprung. Plant free from rust, and one of the most productive. Is rapidly taking front rank as a first-class berry for either garden or field; promises to become very popular. Bears from June until July. Per doz., post-paid, 75c.; 100, £2.50.

Timbrell and other promising new strawberries will be found on page £6. The cream of the older varieties are there also. Try our Strawberry Collection, 125 plants for \$1.00.



MARSHALL.

HYDRANGEA PANICULATA GRANDIFLORA.

No other shrub can boast of a popularity the white flowering hardy *Hydrangea* has obtained. It grows about 3 to 4 feet high, is perfectly hardy in any part of the country and blooms from July until late in the fall. The white flowers are borne nearly a foot in length. Extra strong plants. Each, 25c; per doz., \$2.50.

LILACS.

The usefulness and elegance of these ornamental shrubs are too commonly known to need any further comments. They stand more neglect, heat or drought, without showing any bad effects, than any other plant and there is hardly any other shrub that can take their place as ornamental plants for borders, etc.

SYRINGA VULGARIS. The old-fashioned purple Lilacs in our grandfather's garden. Each, 15c; per doz., \$1.50.

SYRINGA PERSICA ALBA. Persian Lilacs. Graceful white flowers of sweet fragrance. A splendid variety for cemeteries. Each, 25c; per doz., \$2.00.

WEIGELIA.

Beautiful shrubs, being equally adaptive for borders or specimen plants on the lawn. During their flowering season, in June and July, the foliage is completely hidden by the charming blooms.

CANDIDA. Pure white flowers, lasting during the entire summer, one of the very best.

ROSEA. Rose colored flowers. The earliest bloomer in its class.

VIBURNUM OPULUS.

The well-known Snow Ball of our gardens. Strong, well rooted stock. Each 20c; per doz., \$2.00.

NEW RASPBERRY.

LOUDON. The best raspberry in existence. A new variety originating with that veteran horticulturist, F. W. Loudon, of Wisconsin, and claimed to be the greatest advance in red raspberries since Cuthbert.

Its points of superiority are vigor of growth, large fruit, beautiful rich dark crimson color, good quality, and marvelous productiveness and hardness, enduring winters without protection and without injury to the very tips. It stands shipping the best of any variety, and will remain on bushes the longest without injury. Originated ten years ago, Mr. Loudon has been marketing the fruit for many years; has also been tested in New York, Ohio, and on Rural New Yorker's experimental grounds. The latter says: "Likely to supersede the Cuthbert, more vigorous, perfectly hardy, averages larger, adheres well to the stem, never crumbles, bright red, darker when dead ripe."

We think highly of the Loudon, and advise all to set out at least a dozen plants for trial. Each, 25c.; doz., \$2.50.

For other raspberry plants, including Japanese Wineberry, see page 96. We offer a very complete range of varieties.



NURSERY STOCK.

While flowers add much to the beauty of home surroundings, there is no gainsaying the fact that an orchard and small fruit garden of judiciously selected varieties, carefully planted and well cultivated, materially advances the value of the farm or village lot. Shade trees around the house are beneficial, but in the same space a tree which will give both shade and fruit may be cultivated. There is nothing so healthy as fruit—nothing so easily grown. Set out fruit trees and plants in abundance, and you will be well repaid.

For planting and shipping we usually shorten in very tall tops. In order that stock may reach our customers in quickest possible time, after being dug from the nursery, we would advise to have goods shipped by express; larger quantities can be packed so to go safely by freight. No charge for packing, boxes or cartage. Send in orders early. Six at doz., 25 at 100 rate. This stock is unmarketable on account of size.

APPLES. We list only a few of the leading kinds. Parties wishing larger or smaller sizes or varieties not quoted are invited to correspond. *Special rates will be made on large lots.*

SUMMER AND AUTUMN VARIETIES.

Early Harvest. Medium, pale yellow, immensely popular.
Golden Sweet. Large, pale yellow, very sweet.
Red Astrachan. Large, beautiful deep crimson.
Duchess of Oldenburg. Good size, yellow streaked red, juicy, rich, sub-acid, productive.
Benoni. Medium, red striped, good eating apple.
Keswick Codlin. Large, pale yellow, fine for cooking and market. Ripens in July and August.
Snow. Medium, brilliant crimson, mild and agreeable. October.
Maiden's Blush. Large, beautiful, blush cheek.
Wealthy. Large, red, sub-acid, productive.

Any of above, 4 to 5 feet, each, 25c.; per doz., \$2.50; per 100, \$15.00.

CRAB APPLES.

Hyslop. Large, deep crimson, very popular.
Northfield Beauty. Large, yellow, striped and blotched.
Yellow Siberian. Large, beautiful golden yellow.
Transcendent. Medium, red, immensely productive.

Any of above, 4 to 5 ft., each, 20c.; per doz., \$2.00; per 100, \$12.00.

CERRIES.

Early Richmond. The best early; dark red, juicy and slightly acid. Ripens in June.
English Morello. Blackish red, rich, acid. Very productive. Fair size. Ripens in August.
 Above are strong trees, 5 to 6 ft., each 50c.; per doz., \$5.00; per 100, \$30.00.

PLUM.

Abundance. Thoroughly tested and highly recommended. Fruit amber colored, turning to cherry; juicy and tender. Each, 25c.; 3 for 60c.

WINTER VARIETIES.

Bellflower. Large, yellow, delicious.
Ben Davis. Large, handsome, striped, valuable.
Northern Spy. Large, striped, mild, sub-acid.
Rhode Island Greening. Large, greenish yellow, tender.
Rawles' Janet. Medium, striped, rich.
Talman Sweet. Medium, pale yellow, good.
Wagener. Good size, deep red in the sun; flesh firm, sub-acid, excellent.
Price's Sweet. Medium, yellow with red cheek.

PEARS.

Bartlett. Large, buttery, juicy, great bearer.
Idaho. Large, golden yellow, with russetty spots.
Kieffer. Large, russetty yellow. Best for canning.
Seckel. Small, yellowish brown, red cheek, sweet.
Any of above, 4 to 5 ft., each, 50c.; per doz., \$4.00; per 100, \$30.00.

PEACHES.

Crawford's Early. Yellow, with red cheek; juicy and sweet. A splendid peach of excellent quality.
Elberta. Freestone. Light yellow, juicy and well flavored. Hardy. Follows Early Crawford.
 Trees 3 to 4 feet, each, 20c.; 3 for 50c.

QUINCE.

Meech's Prolific. The largest and best variety. Fruit orange-yellow, of great beauty and delightful fragrance. Each, 30c.; 4 for \$1.00.

SHADE TREES AND EVERGREENS.

ASH.

	EACH	12	100
White, 3 to 4 feet	\$0 20	\$2 00	\$10 00
8 to 10 " 1 to 1½ inch stems.	50	5 00	45 00

ARBOR VITAE.

American. 18 to 24 inches	20	1 75	10 00
3 to 4 feet.	50	4 00	25 00

Orientalis. 18 to 24 inches.....	20	1 75	10 00
3 to 4 feet.	50	4 00	25 00

BIRCH			
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American Yellow. 6 to 8 feet.....	40	4 00	30 00
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American White. 4 to 6 feet.....	40	4 00	25 00
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BLACK WALNUT. 3 to 4 feet.....	20	1 75	10 00
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6 to 8 feet.....	40	3 50	20 00
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CHESTNUT.			
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American Sweet. 4 to 5 feet	75	6 00	45 00
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CATALPA.			
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Speciosa. 4 to 6 feet.....	30	2 25	12 00
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8 to 10 feet.....	40	3 50	25 00
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Japan. 4 to 6 feet.....	25	2 25	22 00
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ELM.

White, Scotch and English. 4 to 6 feet.	\$0 35	\$3 00	\$20 00
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8 to 10 feet.	50	5 00	35 00
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ENGLISH WALNUT. 3 to 4 feet.	50	5 00	35 00
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HORSE CHESTNUT. 5 to 6 feet.	75	7 00	50 00
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MAPLE.			
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Ash-Leaved or Box Elder. 3 to 4 feet ..	15	1 00	5 00
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" 8 to 10 feet...	50	4 00	30 00
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Norway. 3 to 4 feet.....	40	3 00	20 00
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" 6 to 8 feet.....	50	5 00	35 00
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Silver-Leaved. 3 to 4 feet.....	15	1 00	6 00
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" 8 to 10 feet.....	50	5 00	35 00
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Sugar. 2 to 3 feet.....	15	1 00	6 00
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" 6 to 8 feet.....	50	5 00	35 00
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PINE.			
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Austrian, Scotch, White, Red Cedar. 3 to 4 feet.....	35	3 50	25 00
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SPRUCE.			
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American White. 6 to 9 inches transplanted	15	1 00	5 00
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Norway. 3 to 4 feet	35	3 50	25 00
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W.W. BARNARD & CO.

TESTED SEEDS

CHICAGO, ILL.

STRAWBERRIES.

Dozen and hundred rates include postage; thousand rate by express only. We shall be pleased to quote special prices for large lots.

Soil and Culture. While Strawberries do well in any good soil, a liberal appliance of manure or fertilizer is essential for the production of large berries. For field culture set in rows 3 feet apart, 15 inches apart in the row; for garden culture, 15 inches each way. It facilitates cultivation and picking if a pathway is left every third row. The season of fruiting may be prolonged by planting varieties of different time of maturity.

Strawberries are divided into two classes; Bi-sexual or perfect kinds, and pistillate, or imperfect varieties. The imperfect varieties (marked with "P" in our list below) being destitute of stamens, must be mixed every three or four yards with a row of perfect sorts to fertilize their blossoms, and if treated in this way will prove to be more prolific than the perfect flowered varieties.

BOOKS ABOUT STRAWBERRY CULTURE. We recommend the following works: *A B C of Strawberry Culture*, by Terry, 40c.; *Strawberry Culturist*, by Fuller, 25c.; *Success with Small Fruits*, by Roe, \$5.00, all postpaid.

TIMBRELL (P). Conceded to be the best Strawberry of recent introduction. Its superior merits are large size, high quality and lateness in ripening. A strong, thrifty grower, with fine, healthy foliage. Fruit dark, rich crimson, firm and bears shipment well. Its superior quality makes it desirable for the table. Doz., 75c.; 100, \$3.00.

PARKER EARLE. Suitable for the south, as it stands the sun remarkably well. On light, dry soil it is an enormous yielder; 15,000 quarts are claimed to have been grown on an acre. Berries large, conical, glossy red and of excellent flavor. Season medium to late. Doz., 30c.; 100, \$1.00, 1,000, \$5.00.

Jessie. A well known sort and a good one from every standpoint. Free from rust; berries very large, beautiful color and delicious pine-apple flavor. Doz., 25c.; 100, \$1.00; 1,000, \$4.00.

Crescent Seedling (P). Anyone can grow the Crescent; like the Concord grape, it will stand a great amount of neglect and yet produce a good crop. Early, hardy and enormously productive. A good berry for the home garden. Doz., 25c.; 100, \$1.00; 1,000, \$4.00.

Warfield No. 2 (P). The berry for market purposes. Early; dark crimson, fine flavor. Firm, a good shipper. Doz., 25c.; 100, \$1.00; 1,000, \$4.00.

CURRANTS.

Plant in rows four feet apart and the plants three feet apart in the rows; cultivate well or mulch heavily, prune out the old wood so that each remaining shoot will have ample room to grow. If the currant worm appears, dust with Peroxide of Silicate. It is sure death to the insect. We offer two-year-old plants only.

Add 25 per dozen for postage.

FAY'S PROLIFIC. The best large red currant. It bears early, has long stemmed fruit and is very prolific. Each, 15c.; doz., \$1.25; 100, \$8.00.

Versailles. Good market sort. Long stemmed, cherry red, very acid berries. Each, 15c.; doz., \$1.25; 100, \$8.00.

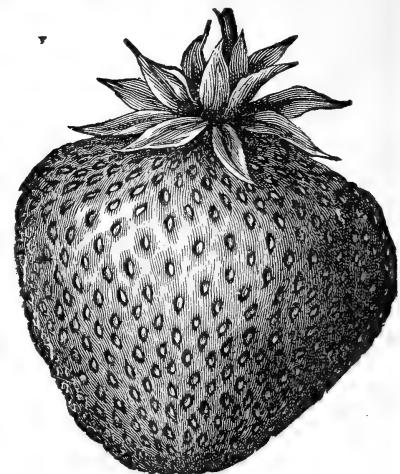
Victoria. Pale red, excellent quality, extremely productive; ripens late. Each, 10c.; doz., \$1.00; 100, \$5.00.

White Grape. Should be in every garden. Each, 10c.; doz., \$1.00; 100, \$5.00.

Lee's Prolific. Black; of special value for jams and jellies. Each, 10c.; doz., \$1.00; 100, \$5.00.

CRANDALL, OR TREE.

An American currant, growing to the height of four feet or more. The branches are loaded with bluish black fruit of fine quality. It is entirely free from attacks of the currant worm. Each, 20c.; doz., \$1.50.



JESSIE.

Bidwell. Doz., 25c; 100, \$1.00; 1,000, \$4.00

BUBACH NO. 5 (P). One of the best. It is a vigorous, hardy plant, with dark green foliage and very large berries. Good for field culture as well as for the garden; adapted to all soils. An enormous yielder; midseason. Doz., 25c.; 100, \$1.00; 1,000, \$4.00.

Wilson. A well-known early variety. Thrives almost everywhere and bears shipping long distances. Doz., 25c., 100, \$1.00; 1,000, \$4.00.

SHARPLESS. Fruit large and irregular in shape. Very popular and brings highest prices in market. Does best on heavy soil. Late. Doz., 25c.; 100, \$1.00; 1,000, \$5.00.

Chas. Downing. An old, time-tried sort for the family garden, a bed remaining in good condition a long time without renewing. Suitable for a variety of soils; mid-season. Doz., 25c.; 100, \$1.00; 1,000, \$4.00.

STRAWBERRY COLLECTION.

125 fine Strawberry plants, in five of the best, most distinct sorts, our selection, early, mid-season and late, for \$1.00, prepaid.

Pot Grown Strawberry Plants.

For fall planting; ready in August. Cannot be mailed. Fine plants of leading varieties only, well rooted from $2\frac{1}{2}$ inch pots. Doz., 75c.; 100, \$3.50.

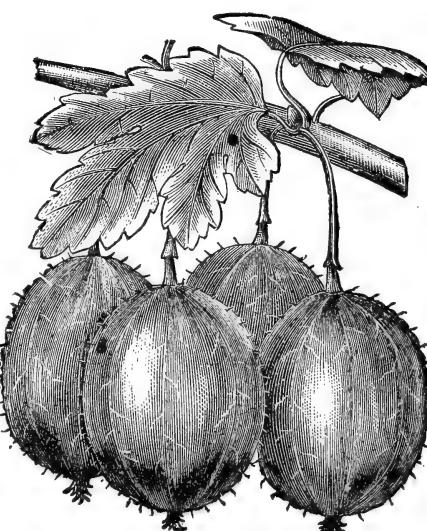
GOOSEBERRIES.

Plant in rows four feet apart and three feet distant in the rows. Same cultural directions as for currants. We offer two-year-old plants and prices include postage.

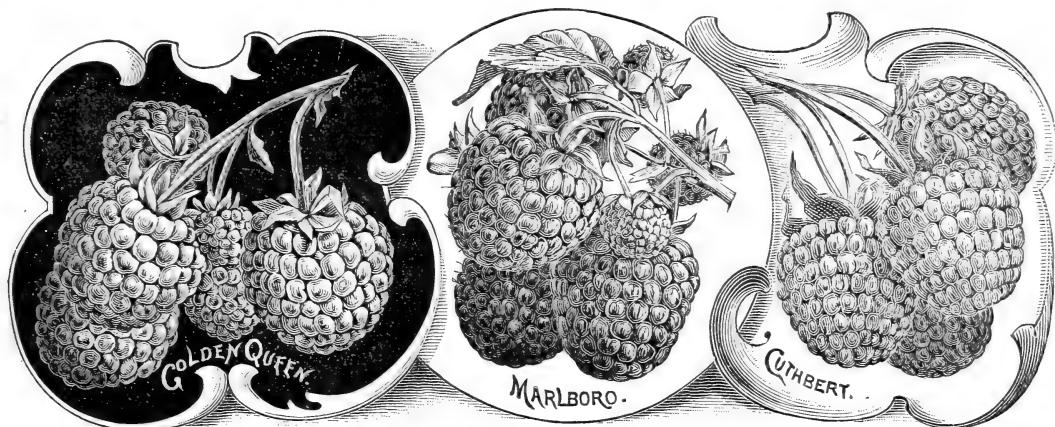
INDUSTRY. In cool, rich soil and northern exposure it is a heavy cropper and exempt from mildew. Fruit of largest size, pale red, hairy and sweet. Each, 25c.; doz., \$2.00.

Downing. The best of our native Gooseberries. Pale green, sweet; nearly free from mildew. Each, 20c., 3 for 50c.; doz., \$1.50.

Houghton. A well-known sort. Small, pale red berries. Very productive and of good flavor. Each, 10c.; doz., \$1.25.



INDUSTRY GOOSEBERRY.



RASPBERRIES.

The Raspberry should be planted in good, rich soil, in rows five feet apart, and three feet apart in the rows. As soon as they have done bearing, cut out the old wood to give more vigor to the young canes. Price, unless noted, doz., 50c.; 100, \$2.00.

Cuthbert, or Queen of the Market. A remarkably strong, hardy variety, stands the Northern winters and Southern summers equal to any. Berries very large, measuring three inches around; conical, rich crimson; very handsome, and so firm that they can be shipped hundreds of miles by rail in good condition; flavor is sweet, rich and luscious. The leading market variety.

Doolittle. An old variety, by some considered out of date. It is an early blackcap which will yield more fruit to the acre than any other variety.

Golden Queen. In size equal to Cuthbert; immensely productive; a very strong grower. The desire for a yellow raspberry of high quality, combined with vigorous growth and perfect hardiness, is fully met in this variety.

Gregg. The leading Black Cap and a popular market sort. Canes strong, vigorous growth and very productive; berries very large, covered with heavy bloom, firm, meaty and of fine flavor. It requires good, strong soil to produce best results, and responds liberally to generous treatment.

Royal Church. Very productive; over 150 berries have been counted on a single stem; 100 berries weigh 11 ounces; has but few seeds; produces no small berries. Exceedingly delicious, aromatic, and sprightly; excellent for table, canning, jellies, etc. Canes are large, vigorous grower, thorns few and small; perfectly hardy wherever it has been tested. Earlier than Cuthbert, continues longer in bearing. A fine variety for the home garden. 10c. each; doz., \$1.00; 100, \$4.00.

Japanese Raspberry (Wineberry). Berry round; deep red, glossy, handsome; of medium size, and fairly firm. Borne in large clusters, and each berry at first tightly enveloped by the large calyx, forming a sort of burr, which is covered with purplish red hairs. These gradually open and turn back, exposing the fruit. The canes are covered with purplish red hairs, which extend along the stem to its extremity; the leaves are large, tough, dark green above and silvery gray beneath. 10c. each; 10 for \$1.00; \$3.00 per 100.

RUSSIAN MULBERRIES.

The Mulberry, so popular in Europe, is beginning to receive the attention in America that it well deserves. The trees are exceedingly ornamental and showy, perfectly hardy; the fruit produced in great abundance, and wherever planted it has been found to be a very desirable acquisition to our list of summer fruits. Young trees, 30c. each; per doz., \$2.75.

BLACKBERRIES.

Should be planted in rows six to seven feet apart, three to five feet in the row. Keep the ground light and rich. Pinch the canes back when they have reached four feet in height. Price, unless noted, doz., 50c.; 100, \$2.00.

Early Harvest. This is one of the earliest blackberries in cultivation, a compact dwarf grower; fruit medium size and fine quality; an enormous bearer. It is so early and bears so well, eats so well and ships so well and sells so well, it is of very notable value to a large portion of our country.

El Dorado. It has been cultivated twelve years and has endured the severe winters of the Northwest without injury. The berries are black, borne in large clusters, and ripen well together. They are very sweet, have no hard core, and keep a week after picking with quality unimpaired.

Snyder. Extremely hardy, enormously productive, medium size, no hard, sour core; sweet and juicy. The leading variety where hardiness is the consideration. Ripens early.

DEWBERRY.

Lucretia. A low-growing, trailing blackberry; hardy, early and remarkably productive. Fruit very large, soft, sweet and luscious throughout, with no hard core. Each, 15c.; doz., \$1.50.

GRAPES

Unless noted, one year vines 15c. each, or our choice, 12 vines, 5 sorts, \$1.00; 2-year vines, by express or freight only, 20c. each, or our choice, 8 vines, 3 sorts, \$1.00.

Brighton. Very early; large bunch and berry, dark red; the best of its color for table use.

Concord. Ripens about middle of September; purplish black. A grape anybody can grow.

Delaware. Red. Bunch and berry medium size.

Martha. The oldest hardy green grape; quite early; quality fair.

Niagara. Light greenish white. Sweet to the center. Vine hardy and very productive.

Moore's Early. Black, with heavy blue bloom. Two weeks earlier than Concord.

Pocklington. Golden green; bunches very large; sweet and juicy.

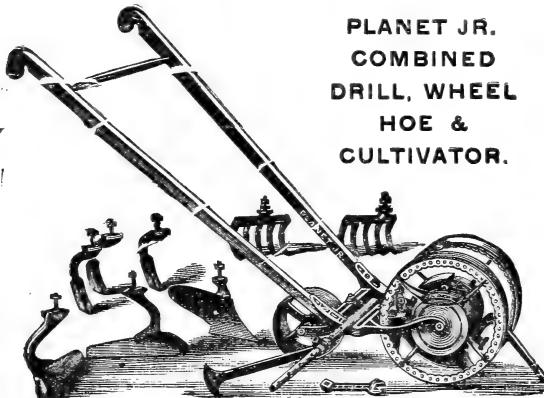
ELEAGNUS LONGIPES.

A vigorous growing hardy shrub, only a few feet in height, producing fruit half an inch or more long, of a bright red color, covered with white dots. It may well be grown for the beauty of its fruit alone, which, moreover, is juicy and edible with a sharp, rather pungent agreeable flavor. To some persons it is far preferable to the Currant or Gooseberry, and is without question a valuable addition to our small fruits. Each, 25c.; 3 for 65c.; doz., \$2.50.

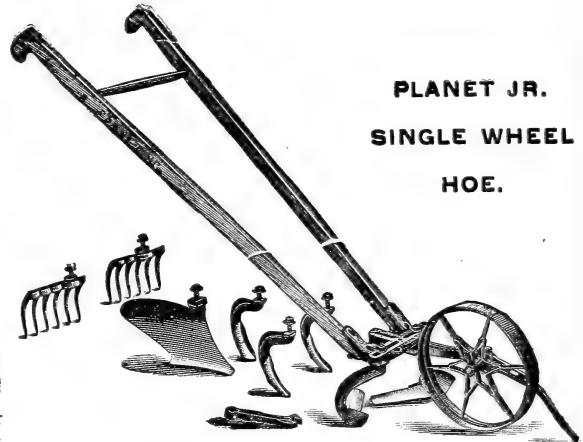


PLANET JR. FARM AND GARDEN TOOLS.

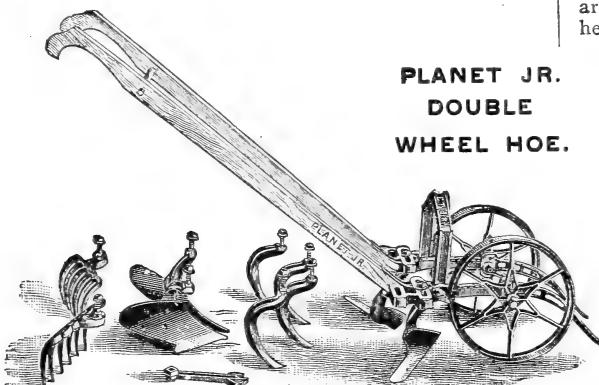
Space will not permit illustrating and describing all of the Planet Jr. tools, but we will gladly send a fully illustrated catalogue to any who desire it; and we can supply promptly anything ordered. Planet Jr. goods are standard machines—the best. Combine your seed and tool orders and save freight.



This most popular tool is suitable for either farm or garden. It is an excellent sower; holds one quart. Is a first class double wheel hoe when plants are small, an excellent wheel scuffle hoe. Opens furrows for beans, corn and potatoes and covers them. Price, \$9.00.

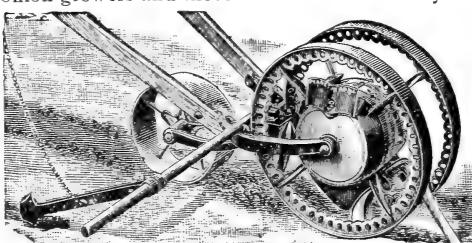


This is an excellent Tool, considerably lighter than the Double but does almost the same variety of work. It is capable of a great variety of combinations and we are sure that every one who tries this tool will be glad he did so. Price, \$4.50.



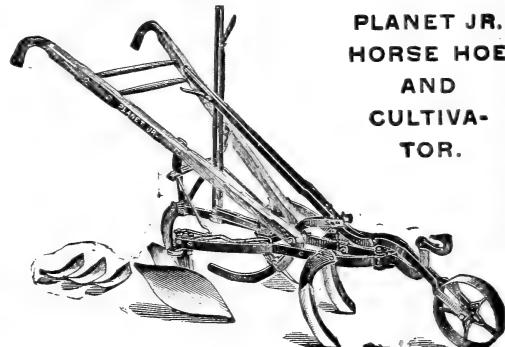
This machine is a Double Wheel Hoe, Cultivator, Rake and Flow combined and has the invaluable feature of tending both sides of the row at once. It is sent out with all the tools shown in the cut making it capable of every variety of gardener's work. Price, \$6.00.

PLANET JR. PLAIN DOUBLE WHEEL HOE. For onion growers and those who want a Hoe only. Price, \$3.50.



PLANET JR. No. 2. GARDEN DRILL. Sows all garden seeds accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row all at one passage. Remarkable for simplicity, strength, and for ease and perfection of work in the field. Price, \$6.50.

"FIRE-FLY" WHEEL GARDEN PLOW, very useful, weight 10 lbs.. price, \$2.00.



Probably no cultivating machine is as widely known as the Planet Jr. Horse Hoe & Cultivator. For 1897 it has been entirely remodelled and greatly improved, in fact, as perfect as skill can make it and thoroughly up to date. Price, all complete, \$7.50.

ASK FOR
A
PLANET JR.
CATALOGUE.
WE MAIL IT
FREE.



PLANET JR. 12-TOOTH HARROW, Cultivator and Pulverizer Combined. A very satisfactory new tool which will prove valuable for fine cultivation, deep or shallow. It has also the new lever wheel and lever attachment. It is valuable as a harrow and pulverizer. Price, plain, without Pulverizer or wheel, \$4.90; without Pulverizer \$6.15; complete, \$7.50.

"FIRE-FLY" SINGLE WHEEL HOE, Cultivator and Plow Combined. Price, \$3.75.



TOOLS AND IMPLEMENTS.

The Genuine Matthews Seed Drills, Single and Combined; Hand Cultivators and Wheel Hoes.

THE BEST LINE OF IMPLEMENTS FOR PLANTING AND CULTIVATING VEGETABLE CROPS TO BE FOUND IN AMERICA.

Matthews Garden Drill.

THE STANDARD DRILL OF AMERICA.

Price, boxed, and delivered at Depot or Express Office, \$6.00.

NONE BETTER CAN BE
PROCURED.

It has been improved from time to time and is now acknowledged to be

THE MOST PERFECT
DRILL MADE.

It has been many years in use, and its still increasing sale is the best evidence of its merits. The Seed Cut-off and Improved Markers are not shown in this illustration, but they will be found on the Drill.



Complete Catalogue of
Matthews Hand
. . GARDEN TOOLS . .
Free on Application.

New Universal Garden Drill.

It is the same machine as the Matthews Garden Drill, except that the frame is iron. We can supply either style at the same price, \$6.00.

Beware of Cheap Imitations
of this Drill.

None genuine but those
having the Patent Indicator.

All Drills are now furnished with the New Seed Cut-off, so no seed is wasted in turning at ends of rows, and with Improved Markers.

MATTHEWS GARDEN GEM DRILL.

Price, boxed, and delivered at Depot or Express Office, \$4.25.

This machine operates almost identically the same as the regular Matthews Garden Drill, but is smaller pattern. It will sow with equal accuracy most seed as perfectly as the most expensive drill, but is not large enough for the coarser seed like beans, peas and corn. It is just the thing for people with a small garden where fine seeds such as turnips, onions, carrots, etc., only are planted. It will make the furrow, drop and cover the seed, and mark the next row as perfectly as any machine.

MATTHEWS "HILL AND DRILL" SEEDER.

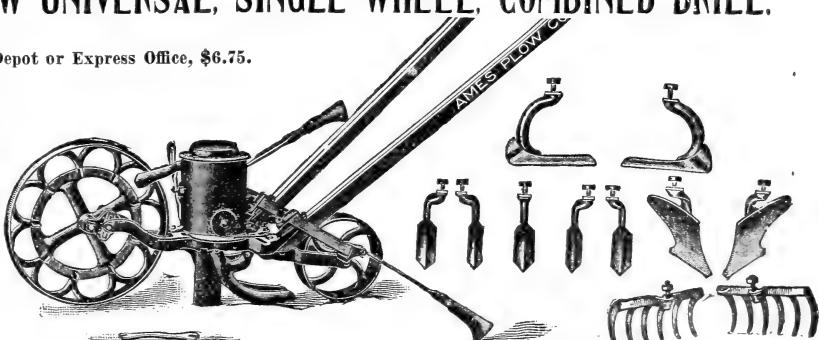
Price, boxed and delivered at Depot or Express Office, \$7.00.

The implement is the same in style and working qualities as the Garden Drill just described, but it is arranged so as to drop the seed either continuously in drill, or at distances of 4, 6, 8, 12, 16, 24 and 48 inches apart. The adjustment from drills to hills is made by one screw. The distance apart is regulated by the number of cogs on the Driving Wheel against which the agitator strikes. The seed cannot drop except when the hole in bottom of Seed Box is opened. This saves seed as no more can be dropped at a time than is desired, no matter what the distance may be. If this implement is wanted, be sure and order the "Hill and Drill Seeder" as the regular garden drill cannot be fitted with the attachments.

MATTHEWS NEW UNIVERSAL, SINGLE WHEEL, COMBINED DRILL.

Price, boxed, and delivered at Depot or Express Office, \$6.75.

This desirable combination of the Garden Drill with the new Universal Cultivating attachments is one which cannot fail of recommending itself to all. The attachments are 1 pair Hoes, 5 Cultivator Teeth, 1 pair Rakes, and one pair Plows. The seeding and covering apparatus can be readily removed for use as a Single Wheel Hoe, Cultivator and Plow. It is not necessary to remove the seed box, as the teeth can be inserted in the frame with this attached.



MATTHEWS NEW UNIVERSAL, DOUBLE WHEEL, COMBINED DRILL.

Price, boxed, and delivered at Depot or Express Office, \$7.25.

This is the same as the Matthews New Universal Single Wheel Combined Drill described above and has the same cultivating attachments. It can be used either as a Double Wheel or Single Wheel machine.



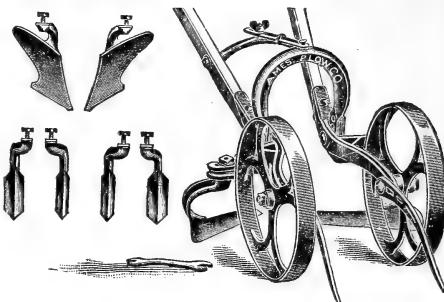


New Universal Double Wheel Hoe Cultivator, Rake and Plow.

Price, boxed, \$4.50.

SPECIALLY DESIGNED FOR WORKING BOTH SIDES OF THE ROW AT ONE PASSING.

This new hand implement embraces all the good points of older efforts in the same line, and in addition offers new features which cannot fail of appreciation. The special recommendation is the *Adjustable Arch* by which not only the *depth* of work can be gauged, but which, by an ingenious device, enables the teeth to be pitched at any angle desired. The attachments are 1 pair Hoes, 4 Cultivator Teeth, 1 pair Plows, 1 pair Rakes and 1 pair Vine Guards.

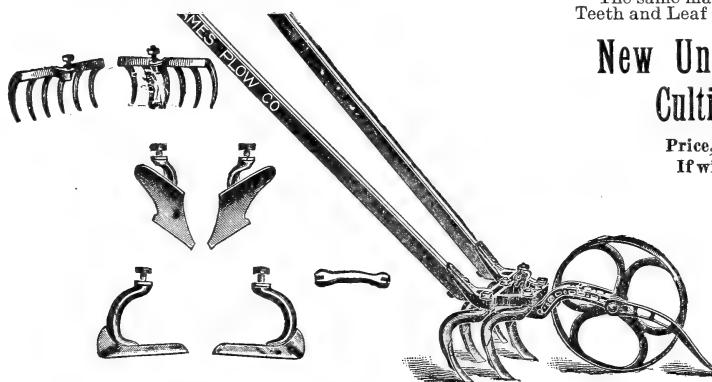


NEW UNIVERSAL PLAIN DOUBLE WHEEL HOE.

WITH ONE PAIR HOES ONLY.

Price, boxed, \$3.25.

The same machine as the foregoing, Rakes, Plows, Cultivator Teeth and Leaf Guards omitted.



New Universal Single Wheel Hoe, Cultivator, Rake and Plow.

Price, boxed, with all attachments, \$4.00.

If with one pair Hoe Blades, only, \$2.50.

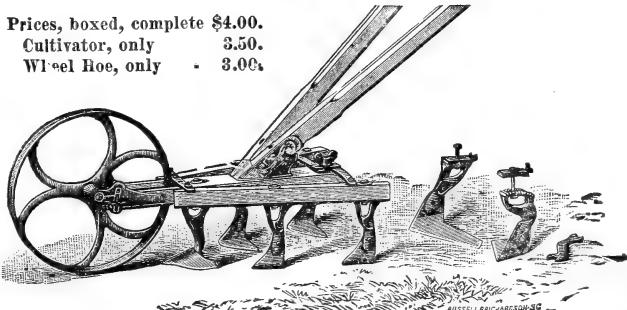
This is an improvement over other tools of this type. It can be used either between or astride the rows, although it is really intended for between row cultivation. For straddle cultivation the wheel can be set to one side so as to bring the row of young plants under centre of frame. The adjustment for graduating the depth of cultivation is unique and readily accomplished. The attachments are 1 pair Hoes, 5 Cultivator Teeth, 1 pair Plows, 1 pair Rakes, and 1 Vine or Leaf Guard.

Matthews Hand Cultivator and Wheel Hoe.

Prices, boxed, complete \$4.00.

Cultivator, only 3.50.

Wheel Hoe, only 3.00.

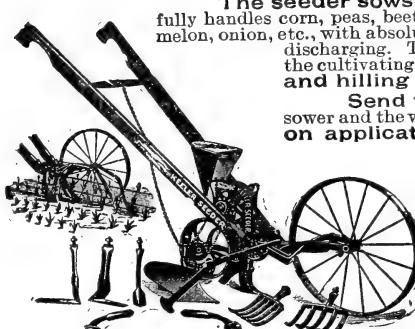


Keeler Seeder, Wheel Hoe, Cultivator and Plow.

Combined Machine, 8 practical tools in one, Price, \$12.00.

The seeder sows or plants all kinds of seeds, fine or coarse without a break. It successfully handles corn, peas, beets, beans, sorghum, turnips, cabbage, wheat, oats, timothy, clover, cucumber, melon, onion, etc., with absolute certainty. Each seed bucket is brought to the full view of the operator before discharging. The seeder attachment can be completely removed leaving the frame ready for the cultivating implements which, when adjusted make a machine for **hoeing, cultivating and hillng** not surpassed by any implement made.

Send for the "Keeler Seeder Book," fully illustrating the using of the seed sower and the various cultivating, hoeing, hillng, furrowing combinations, etc., mailed free on application.



PRICE LIST.

Having the Wheel, Frame and Handles you can purchase any one of the attachments, and add the balance any time you desire.

Keeler Seeder, combined machine.....	\$12.00
Keeler Seeder, Wheel, Handles and Frame.....	9.00
Double Hoe, "	4.50
Combined Double Hoe, "	5.25
Double Rake, "	4.25
Plow,	4.50
Cultivator,	4.25
Double Infant Plows, "	4.75
Combined Cultivator and Infant Plows.....	5.25
Leaf-arm.....	.60

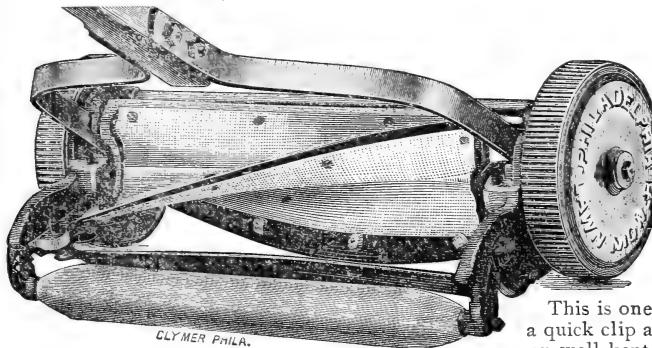
KEELER SEEDER COMBINED MACHINE.



THE GENUINE PHILADELPHIA LAWN MOWERS.

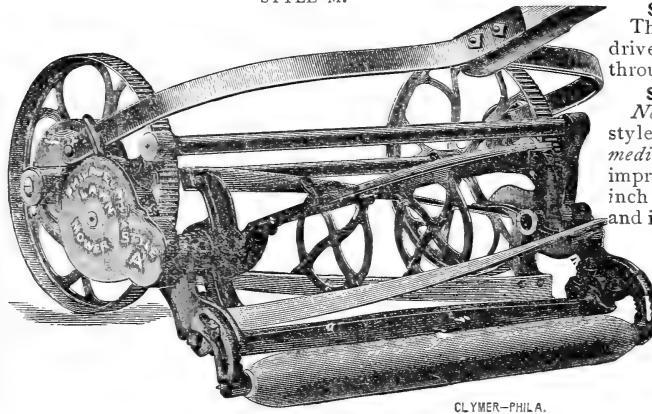
Full descriptive
circulars mailed
on application.

We are pleased to offer our customers the PHILADELPHIA LAWN MOWER, believing it to be the *best* Lawn Mower made. They are constructed upon the best mechanical principles and on account of their simplicity and superior construction, are more durable and possess more useful and valuable features, less liable to get out of order, and will do better work than any other Lawn Mower made.



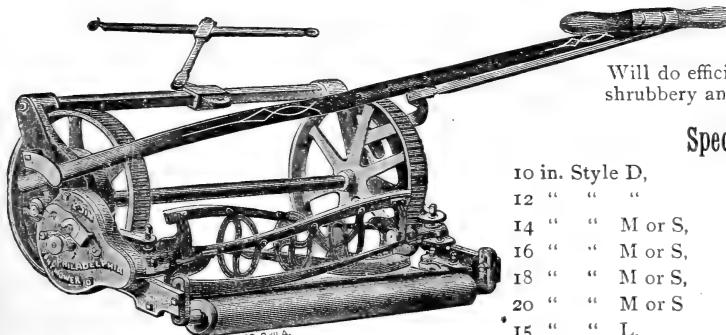
CLYMER PHILA.

STYLE M.



STYLE A.

CLYMER-PHILA.



CLYMER-PHILA.

PONY (OR TWO MAN) 25 IN. LAWN MOWER.

30 IN. HORSE LAWN MOWER.

These machines are intended for Parks and large open grounds and are constructed in a most thorough manner. They are designed to be what they have already proved themselves to be—**THE BEST HORSE LAWN MOWER FOR PARKS OR LARGE LAWNS EVER MADE.** They will be found on government grounds, public grounds and fine parks in all parts of the country. Made in two patterns, open or closed cylinder.

STYLE D. (WIDTH OF CUT, 10 AND 12 INCHES).

This is intended for small grass plots of less than $\frac{1}{8}$ of an acre and for this kind of work is just about perfect, being far the easiest working and lightest Lawn Mower made.

STYLE L. (WIDTH OF CUT, 15 AND 17 INCHES).

This style is known as the Park Mower and is a great favorite. It is perfect for this class of work.

STYLE M. (WIDTH OF CUT, 14, 16, 18 AND 20 INCHES).

This Mower is for general work and very popular; the bulk of our sales are of this style. They will be found to be *easy running* and very durable.

STYLE S. (WIDTH OF CUT, 14, 16, 18 AND 20 INCHES).

This is one of the most desirable styles of Mowers. It has a quick clip and fine cut and will make a little smoother work on well-kept Lawns than Style D and M.

STYLE A. (WIDTH OF CUT, 15, 17, 19 AND 21 INCHES).

This is the KING of HIGH WHEELS. It has 10 in. drive wheels; 6 $\frac{1}{2}$ in. cutters; constructed of steel throughout.

STYLE C. (WIDTH OF CUT, 14, 16, 18 AND 20 INCHES).

New pattern for 1895, medium high wheel. This style has been manufactured to fill the demand for a medium high lawn mower, *that has merit*. It has all improvements with a four blade open cylinder and 8 $\frac{1}{2}$ inch drive wheel. It is light running, does fine work and is a valuable addition to the list.

PONY, (OR TWO MAN), 25 INCHES.

We present this Mower having many advantages over machines of its kind. It is light in weight and draft, strong and durable, and has every provision for adjustment of journals, height of cut, etc. The revolving knives, four in number, give a continuous cut. The drive wheels are 11 $\frac{3}{4}$ inches. It can be used with a pony, and a boy to cut, or man to pull and boy to cut, or if the lawn is in fine condition can be operated by one man. It may be used also when the ground is soft when a horse would mark the ground.

Will do efficient work on a lawn where there is much shrubbery and trees.

Special Prices for 1897.

10 in. Style D,	\$4.25	14 in. Style C,	\$6.00
12 " " "	4.75	16 " " "	6.50
14 " " M or S,	5.50	18 " " "	6.75
16 " " M or S,	6.00	20 " " "	7.75
18 " " M or S,	6.75	15 " " A	11.00
20 " " M or S,	7.25	17 " " "	12.50
15 " " L,	7.50	19 " " "	14.00
17 " " L,	8.50	21 " " "	15.00
25 " Pony,	20.00	30 " Horse,	75.00

LAWN MOWERS SHARPENED AND REPAIRED. EXTRA PARTS KEPT IN STOCK.

We carry in stock a line of the extra parts for the Philadelphia Lawn Mower, and the principal parts of a number of the other popular makes. Lawn mowers of all kinds sharpened and repaired. To do this we employ skilled workmen and guarantee satisfaction in every particular. You will oblige us, and receive prompt attention, by sending your machines in early.



LAWN REQUISITES.

SUNDRY USEFUL LAWN TOOLS.

LAWN RAKES.	Gibb's 24 in. head, with guard to prevent grass from falling over back; 30 copper steel wire teeth. Teeth are so constructed as to prevent digging up the soil or clogging.....	\$.50
Canton.	Similar to Gibbs', but without guard.....	.40
Favorite.	The lightest, most durable, and cheapest of steel lawn rakes.....	.30
Crown.	The leading feature is the fact that it is made reversible; the single teeth may be used for raking grass; the double teeth for leaves and rubbish.....	.30
LAWN SHEARS.	For cutting grass under shrubs, etc. Price, with 2 wheels, 9 in. blades.....	2 .50
GRASS SHEARS.	Similar to Sheep Shears. Common , 60c; English	1 .25
LAWN SCYTHES.	English. Best scythe that can be used on the lawn; no trouble to keep sharp; 34 and 36 in., \$1.25; 38 in.....	1 .50
SCYTHE SNATHS.	.....	.75
SCYTHE STONES.	English Round Talacre, 15c; Common.....	.5
GRASS HOOKS OR SICKLES.	Imported English. Extra quality, riveted backs; strong and will hold an edge. No. 0, 50c; No. 1.....	.60
Common Sickles .....	.....	.25
HOSE.	Rubber. Guaranteed quality; $\frac{3}{4}$ in., 25 ft., \$3.75; 50 ft., with couplings.....	7.00
HOSE NOZZLES.	Gem. Throws any kind of a stream from solid to the finest spray.....	.60
HOSE SNAP.	A simple device to attach or detach hose to or from the water pipe, without the annoyance of screwing on the hose.....	.75
GEM NOZZLE HOLDER.	A device for holding hose if nozzle is used for sprinkling.....	.10
TURF EDGERS.	Sharp, rounded blades, for trimming borders of walks, etc. Common , 35c; Imported . 1.00	
LAWN SCYTHE. WEED CUTTER.	Has narrow, chisel-shaped blade for cutting off roots of weeds without marring the lawn.....	.40
SOD CUTTERS.	Diamond-shaped shovel with crooked handle, made especially for taking up sod.....	3 .50

LAWN SPRINKLERS.

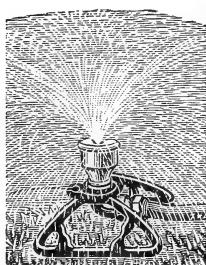
PHILADELPHIA. Unlike all other Sprinklers, this does its work perfectly, without a revolving motion, making it durable. The water pressure is unobstructed in its course until it reaches the disk, as the water passes through the large holes in the disk in solid streams, until it strikes the cone at a point above the blade; it avoids any flooding the holes and is formed into spray. Made in four sizes. No. 1, 75c; No. 2, 90c; No. 3, \$1.50; No. 4, with hose reel attachment, for carrying 150 feet of hose. \$7.00

Send for Special Circular.

BORDER SHEARS.

GRASS SHEARS.

STANDING FOUR-ARM SPRINKLER	\$3.00
CALIFORNIA. A small four-arm sprinkler.....	1.00
ARC LAWN SPRINKLER. A thoroughly good sprinkler, having the additional advantage of distributing water in half or full circle as desired	1.50
ELGIN. Finely arranged on a frame, so it can be moved about without wading in grass or stopping water. Throws a large volume of water.....	.75



THE ELGIN.

LAWN SEED
AND
FERTILIZERS,
SEE PAGE 57.

IRON LAWN ROLLERS.

No lawn can be maintained in good order without successive rollings, which work should be done in the spring before the ground becomes dry. These rollers are made in two sections, and are preferable for lawns, as they can be turned without injuring the grass. They are made with weights, which keep the handle up from the ground.

1 sec. 12 in. long, 20 in. diameter, 190 lbs.....	\$ 9.00
2 sec. each 7 in. long, 15 in. diameter, 125 lbs.....	7.00
2 sec. each 12 in. long, 20 in. diameter, 300 lbs	14.00
2 sec. each 12 in. long, 24 in. diameter, 400 lbs.....	18.00

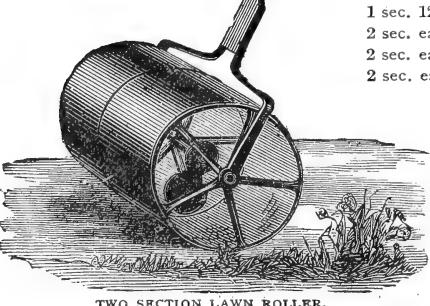
LAWN MOWERS.

We are headquarters for the Philadelphia Lawn Mower, than which no better mower is made.

THE PHILADELPHIA



See Our Reduced Price List,
Page 101.



TWO SECTION LAWN ROLLER.



MISCELLANEOUS GARDEN TOOLS AND SUNDRIES.

BELLOWS. For applying powdered insecticides to plants, etc.

Two sizes, \$1.00.....\$1.25

CORN AND SEED PLANTER. Chautauqua. (See cut.).....1.25

CAHOON BROADCAST SEED SOWER......2.75

Sows grass seeds, wheat, oats, barley, rye, buckwheat, etc. A saving of four-fifths of the labor and one-third of the seed, used in hand sowing is effected by this machine. Every farmer should have one.

DANDELION PULLERS. English.....1.00

DIBBERS. For transplanting plants.....50

FLORAL TOOLS. Set of four, small.....35

" " large.....75

FORKS. Hand weeding.....Maleable 15c; steel 20

FLOWER TUBS. Columbia. Send for special circular. \$1.00 to..3.00

GARDEN LINES. Strong braided; per 100 ft.....50

GARDEN LINE REELS......50

GRAFTING WAX...... $\frac{1}{4}$ lb., 15c; $\frac{3}{8}$ lb., 25c; 1 lb. 40

HOSE, Rubber. See page 104.

HOES. Welded Dutch Scuffle. (Handles 15c each; extra).....

.....6 in., 60c; 7 in., 65c; 8 in. 75

Common Scuffle.....6 in., 30c; 8 in. 45

KNIVES, Pruning, English. (Saynor & Cook).....1.50

Pruning, American.....75

Budding.....No. 300, \$1.00; No. 207, \$1.25; No. 204 1.50

Asparagus, Imported. Saw tooth blade.....90

Seed Potato.....Humphreys, 30c; postpaid .35

LABELS. Painted Wood Pot Labels.....

....4 in., per 100, 15c; per 1000, 75; 6 in., per 100, 25c; per 1000 1.50

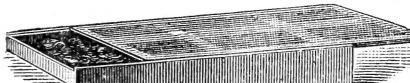
LAWN TOOLS. See page 104.

LEGGETT'S DRY POWDER GUN......7.00

MOLE TRAPS. Olmsted's Improved. Send for special circular and free book on catching moles.....1.50

PROTECTING CLOTH, or Water Proof Fibre. Especially prepared to prevent mildew and rotting; valuable for forwarding and protecting early plants from frosts, covering hot beds and frames in spring, in lieu of glass (after excessive freezing weather is over), and for throwing over bedding plants at night in fall, at one-tenth the cost of glass. (Pieces contain from 40 to 60 yards). **Heavy grade** per yard, 15c; by piece per yard, 12 $\frac{1}{2}$ c. **Medium grade**, best for general purposes, per yard, 10c; by piece, per yard, 8 $\frac{1}{2}$ c.

Light grade, mostly used in the South for Tobacco plants; per yard, 5c; by piece, per yard, 4 $\frac{1}{2}$ c. Samples mailed on application.



POTATO SPRINKLER. Hermes. Paris Green.....4.00

PRUNERS, Water's Tree.....

.....4 ft., 75c; 6 ft., 85c; 8 ft., \$1.00; 10 ft., \$1.15; 12 ft. 1.75

PRUNING SHEARS. See Shears.

PRUNING SAW AND CHISEL......

PRUNING SAW, double edged, 18 in.....75

POWDER GUN, Legget's, for applying powdered insecticides.....7.00

ROFFEA. Plant tying material.....Per lb., 25c, by mail

ROLLERS, Lawn. See page 104.

RAKES, Steel Garden, 14 teeth.....

Steel Gravel.....50

SPRINKLERS, Rubber, for spraying house plants.....

SYRINGES, Brass Garden. No. A A Parlor, very small with one fine spray rose, \$1.15; No. C, one stream and one spray rose..

1.00

SPADES. Cast Steel.....1.50

SHOVELS. Cast Steel.....85

SHEARS. Wiss' Pruning. Excellent for trimming small fruit bushes and shrubbery.....

No. 3, \$1.50; No. 2, \$1.75; No. 1 2.00

Lee's Pruning. For same purpose.....1.00

Hedge.....8 in., \$1.50; 10 in. 1.75

TROWELS. English Garden.....6 in., 30c; 7 in., 35c; 8 in. 40

Common, 6 in.....15

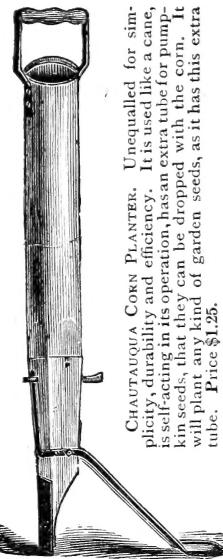
Cleve's Angle, narrow.....15

TWINE. Jute. For tying plants.....lb., 10c; 10 lbs. 90

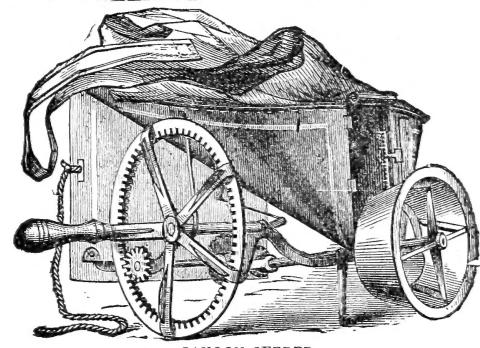
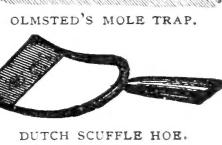
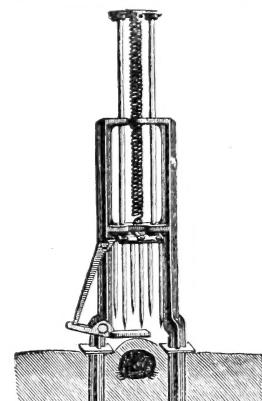
WEEDERS. Excelsior, hand weeder.....15

Hazeltine, hand weeder.....20

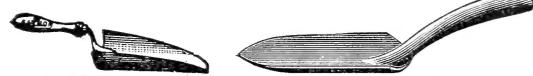
Hand Fork.....Maleable, 15c; steel. 20



CHAUTAUQUA CORN PLANTER. Unparalleled for simplicity, durability and efficiency. It is used like a cane, is self-acting in its operation, has an extra tube for pumping kin seeds, that they can be dropped with the corn. It will plant any kind of garden seeds, as it has this extra tube. Price \$1.25.



GLOVES **ANGLE TROWEL**



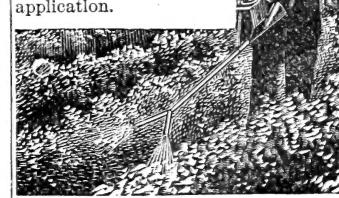
ENGLISH TROWEL **ALL STEEL TROWEL**



LEGGETT'S PARIS GREEN OR DRY POWDER GUN.

For Orchard, Vineyard, Garden or Potato Field. Distributes Paris Green, Sulphur, "Fungiroid," (a powdered Bordeaux Mixture) or any dry powder.

THOUSANDS IN USE
Illustrated Circular on application.



A
Won-
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l Inven-
tion
Light,
Swift,
Easy,
Safe,
Strong
and
Cheap.



PRUNING SHEARS.

W.W. BARNARD & CO. • **TESTED SEEDS** • **CHICAGO, ILL.**

FERTILIZERS.

It is unnecessary to tell our customers that Chicago is recognized as headquarters for Commercial Fertilizer. Here is to be had material for the manufacturing of Fertilizer in large quantities and of highest grade. We have made special arrangements with the factory by which we are able to offer this article at the *lowest wholesale prices*, and solicit correspondence from parties wishing large quantities. We can save you money if you buy by the *sack, ton or carload*. Every bag and barrel has a guaranteed analysis.

FINE RAW BONE, OR FLORISTS' BONE MEAL.

Every bag is guaranteed pure bone. This well-known fertilizer for all fruits, roots, grain crops, pastures, lawns and for potting earth, needs no description. 10 lbs., 50c; 25 lbs., \$1.00; bag, 200 lbs., \$4.25; 1000 lbs., \$17.00; ton, \$30.00;

PURE CRUSHED BONE.

A coarse article, particularly well adapted for use in the preparation of grape vine borders; perfectly pure. 100 lbs., \$3.00.

GARDEN VEGETABLE COMPOUND.

Where applied, vegetables ripen ten to fourteen days earlier, and the increased production is usually one-third to one-half larger than when it is not used. It is put up in bags of 100 to 200 pounds, odorless, clean to handle, and reasonable in price. 50 lbs., \$1.50; 100 lbs., \$2.75; 200 lbs., \$4.50.

GARDEN CITY SUPER-PHOSPHATE.

This is a complete manure. Can we say more than this? The more inquiries you make and the more you investigate this fertilizer, the more readily you will use it. Use 200 or 300 pounds per acre. 100 lbs., \$2.00; 200 lbs., \$3.50.

CELERY GROWER.

A new carefully prepared manure, especially adapted for celery growing. It is chemically suited to this crop, which demands high manuring. 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.50.

NITRATE OF SODA.

Should be sown broadcast, and it is very important to sow it EVENLY. Two or three pounds on a square rod will be beneficial. 24 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.50; 200 lbs., \$8.50.

PEROXIDES OF SILICATES.

A sure protection against the ravages of all Insect Pests that destroy the growing crops. When mixed with the Fertilizer it will destroy all grubs and worms in the soil. It kills the Colorado beetle or potato bug, the cabbage worm, etc. *Absolutely safe*. No danger of poisoning your stock. Price: 5 lbs., 30c; 10 lbs., 50c; bbl., (225-260 lbs.) 4c. per lb.

FLOWER OF SULPHUR.

For destruction of mildew or oses, etc. Blow it over the plants with a sulphur bellows. Lb., 10c; 10 lbs., 65c; 25 lbs., \$1.50.

PERSIAN INSECT POWDER.

Sure death to all kinds of insects. $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; 1 lb., \$1.00.

PARIS GREEN.

Warranted pure. Write for special quotations in larger lots. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c.

WHALE OIL SOAP.

Dissolve one pound in five gallons of water, and sprinkle the stems and foliage, using a syringe or force pump. 2 lbs., not prepaid, 25c; 5-lb. box, 50c.

CHICAGO LAWN FERTILIZER.

10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.75

FLORISTS PLANT FOOD.

This article has been made at the suggestion of florists, who desired to obtain an inexpensive, effective and odorless preparation, that would act quickly on plants and furnish food for flower and leaf. An application of this plant food will be observed in the vigorous growth of the flowers and a deep green foliage. 5 lbs., 50c; 10 lbs., \$1.00; 25 lbs., \$1.75; 50 lbs., \$2.00; 100 lbs., \$4.00.

BOWKER'S PLANT FOOD.

An excellent fertilizer for house plants. Clean to handle, without odor, produces rich, green growth and profusion of flowers. Directions for use accompany each package. Small package, 15c; by mail, 20c. Large package, 25c; by mail, 40c.

BLOOD AND BONE FERTILIZER.

Manufactured of pure blood and bone. The quantity we use of this fertilizer, when applied broadcast for such crops as spinach, cabbage, beets, onions or celery, is from one to two tons per acre, according to the condition of the land. For seed beds of cabbage, lettuce, etc., the same ratio of quantity is used. When this fertilizer is used in rows or in hills for such crops as celery, cabbage or early corn, from 100 to 200 pounds per acre will be enough. 100 lbs., \$3.00; ton, \$50.00.

LAND PLASTER, OR GYPSUM.

Per ton of 2,000 lbs., \$12.00; bag of 160 lbs., \$1.35. If wanted by car-load, write for prices.

NO. 1 PERUVIAN GUANO.

Genuine and free from adulteration. In sealed bags. Lb., 15c.; 5 lbs., 40c.; 10 lbs., 70c.; 50 lbs., \$2.25; 100 lbs., \$4.25; 200 lbs., \$6.00; 1000 lbs., \$36.00.

INSECTICIDES.

HAMMOND'S SLUG SHOT.

It kills potato bugs, currant worms, cabbage worms, hoppers, caterpillars,—in fact every pest known to the gardener—

while the mixture is in itself entirely harmless. 5 lb. package, 30c; 10-lb. package, 50c; bbl., (225-260 lbs.) 4c. per lb. Tin canisters, with finely perforated top for dusting (filled) 25c ea; by mail prep'd 40c.



TOBACCO SOAP.

This soap is a most valuable article for shrubs, trees and animals. A single application will in most cases prove sufficient. In the case of rose slugs, oleander bugs and red spiders, however, a second application is sometimes necessary. Pkt., 25c.

TOBACCO STEMS.

For smoking plants infested with green fly. Lb., 15c.; bbl., \$1.00.

WHITE HELLEBORE.

Excellent for destroying rose slugs, currant worms, etc. Lb., 50c.

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SPECIAL CORRESPONDENCE.

We shall be glad at all times to give our customers all the aid and information within the reach of our knowledge on subjects pertaining to our business. It is specially requested, however, that all such inquiries be written on separate paper to that used for orders.

We shall also be glad to learn from time to time of any novelties, real or supposed, that may be discovered. If of value, we will be pleased to assist in their introduction; while, should they prove valueless, or of some recognized strain in other sections of the country, we may, by rendering this information promptly, spare the introducer much time and outlay wasted in one direction that happily directed in another, would meet with the most beneficial results.

Korrespondenzen in deutscher Sprache erhalten pünktliche Aufmerksamkeit.

Miscellaneous
Books for Farm and Garden.....
2d Cover Page and.....
Collections
How to Order
Insecticides
Tools and Supplies

EIGHT GRAND VEGETABLES.

FOR HALF REGULAR PRICE.

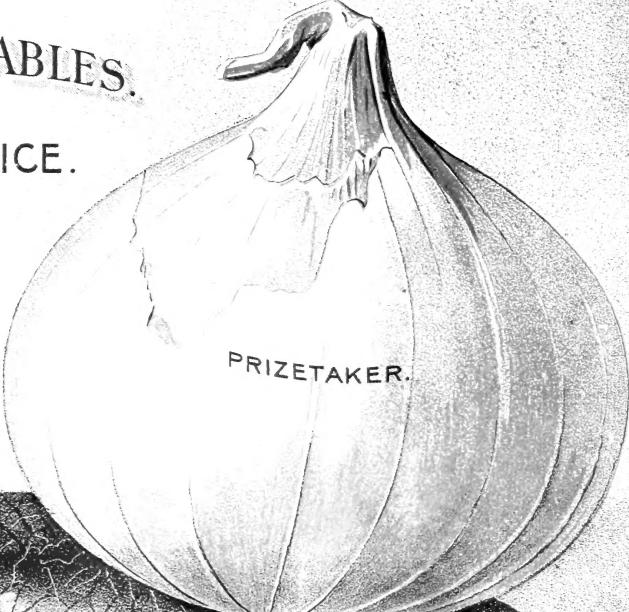
ONE PACKET EACH OF

THE EIGHT VEGETABLES MAILED

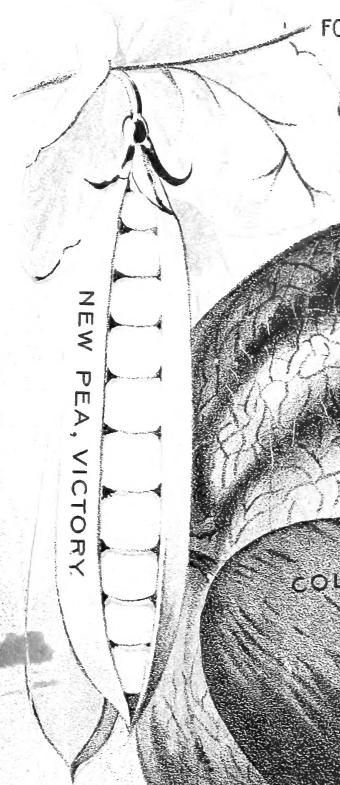
TO ANY ADDRESS

FOR ONLY **25** CENTS.

Description on page 1.



PRIZETAKER.



NEW PEA, VICTORY



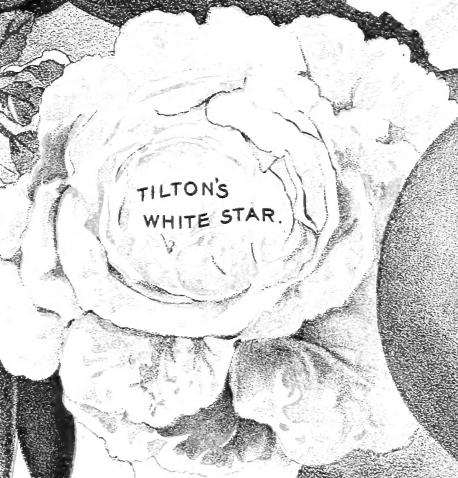
SWEETHEART.



COLUMBIA



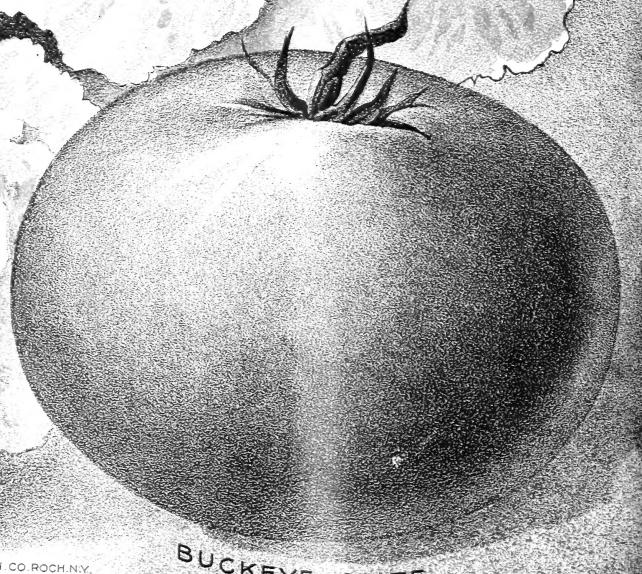
ALL SEASONS.



TILTON'S
WHITE STAR.



20 DAY FORCING.



BUCKEYE STATE.